

SEQUENCE LISTING

<110> ENDEGE, WILSON O., ET AL.

<120> NOVEL HUMAN GENES AND GENE EXPRESSION
PRODUCTS: II

<130> CCDNA-260XX

<150> 09/328,111

<151> 1999-06-08

<150> 60/117,393

<151> 1999-01-27

<150> 60/098,639

<151> 1998-08-31

<160> 544

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 1

gcgtgggtcng gccgaggtac agtctcggct cactgcaatc tctgcctgcc cagntcaagc	60
gattctccat catgttggcc aggtctggct caaattcctg aggtgatctg cccacctctg	120
cctgccaaag tgctgggatt acaggtgttg agcgatagtg ctcggcctat tatttctttt	180
taaatctttg gtagaattaa tcaactgaaac tatntgtgct ttttttgng gaaaaattat	240
ttattttaaa gacagggctc tgntctgttg cctgtgctgg antgcagtgg tgcaatctca	300
gtttactgca accttgtgcc aacctactgn caagtgatcc tactgnetca cctccnagta	360
ncttggatta caggcacgcg ccaccatgcc cngntaggtg ttgnattttt aggagaaacn	420
gggtttcatn atattgnca gcnnngcctg agcttctgaa ctcaantgat ccnccnctc	480
ggcctnccaa acactgggat tacaggcgtg agccctcccc tgntgatacg nagnngtttt	540
aanaagattn tcttcaantt ngtttaaaaa ttctaatttn ngaccatttt tnetgcccgc	600
ggcgnaaaag gcnatcn	618

<210> 2

<211> 640

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(640)
 <223> n = A,T,C or G

<400> 2

actttttttt	ttttttttt	tttttgagac	agggtcttgc	tttgtcacct	gggctgaagt	60
gcagtggcat	gatcatggct	cactgcagcc	tcaacctcct	aggctcaagt	gattctctca	120
cctcctcctc	ttgagtagat	gggacttaca	ggcgcatgcc	accacatgca	gataattttt	180
gtattttttg	tanaaacagg	gttttgccat	gttaccctaa	ctggteccaa	gctcctgggc	240
tcaagagatc	tgcttgcccc	aacctcccaa	agtgtctggg	attacaggca	ttgagccacc	300
acacccagcc	tgattgtttc	ttctcataac	tcaactctac	tgntgatcct	ctttaatgaa	360
ttttantttc	aagtcattct	acttttccac	tccaaaattt	tgatttgggt	cttttaaata	420
aattttatth	attggaattc	tttatttggg	gagaagggtat	catatatctc	tttantttct	480
ttggcgngct	ttcttttaac	tctttgatat	ttataatagc	tgntttgaaa	gctttttntg	540
gtaagtccaa	cattngggnc	ctcaangctt	ttttaatgct	gctttttttc	ccctattatg	600
gnaaacttcc	agttatttta	tgctaataag	gttcggaaaa			640

<210> 3
 <211> 635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

<400> 3

acactagcat	aatgaagat	taagaaataa	gtctttccag	attattttta	ctcaagaatt	60
tgtttcagtg	ctaggcaagg	atgatcaatt	ttagtttgca	tatgaagact	caaagggaga	120
tgattaaaag	cacgtaactc	tttgactcac	ccctagaagg	tctttgatga	ggcccagcaa	180
tctggaaaat	tatgatataa	tattacacaa	tgattattta	acaatatttt	agaagtaact	240
gccatttggg	ggtcacagaa	caatactaata	ctcaattatg	ttacccatca	acaaattgaa	300
tataattaaa	ttatttttcaa	aatatatggg	ttgagattat	tttccaatta	aaattgccag	360
gtgaggaaca	gcacttttcc	attcgctgct	gaatgtgatg	aaatactgga	tagtcataga	420
gggtctaccc	agatgtccct	ttggggagaag	tggtgtgggg	gaaaatgggc	tggttgtgtg	480
cacccaaact	accctttaag	aacttggtgc	tggagccatt	aaaaataatt	gngctggctc	540
tataaatatg	aaaaactttg	ggaaatcctt	gtgacatcga	tgcanttggg	ttgggaagtt	600
cctgataaaa	atatctaaaa	atacaccat	tgaaa			635

<210> 4
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 4

acgcggggac	taagacctca	aaagcacagg	cgacaaaaat	aaaaatagac	aatgggaat	60
taactaagaa	gtttctacac	aacaaaagaa	ataatcaaca	gagtaaacag	ataatttcca	120
gaacggaaga	aaatatgtgc	aaactattca	tccagcagtg	gacaaatacc	cagtatatac	180

aagaaactca	aacaacaaca	ataaaagaca	aatcatcccc	ttaaaaggag	ggcaaaagac	240
aagaacagac	atttttcaaa	agaagatata	caaagtacta	acaggtatat	taaaaatgca	300
caacatcact	aatcatcaga	gaaatgcaaa	ttaaaaccac	aatgagatat	catcttacc	360
cagtcaaaat	ggctactatt	aaagagtcaa	aaaataatag	atcttggcca	ggacatggat	420
aaaagagaac	tcttacatac	tgggtggtagg	aatgcaaatt	aacacagcct	ctatagaaaa	480
cagtatngag	attgctcaag	aactaaaaat	agagctatca	tttgcccanc	atnccctgnt	540
gggttctacc	caangaaaag	aatcatggt	caaaaaaaaa	aaaaaaaaaa	aaagtncttg	600
gcgggaccct	aaggggattc	accctn				627

<210> 5
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 5

cgaggtacgc	ggcctggcca	acatggtgaa	accccgctctc	taccaaagat	acaaaaaatt	60
agccaggtgt	ggtggcatgt	gcctgtagtc	ccagctactc	aggaggatga	ggcaggggaa	120
tcacttaaac	ctgggaggcg	gagattgcag	tgagccaaga	tcgcgctatt	gcactctagc	180
ctgggtgaca	gagcaagact	ccgtctcaaa	aaataataat	aataaaatga	aaataatcag	240
ctgggtgtgg	tggcatgtgc	ctgtagtccc	agctactcag	gaggatgagg	caggggaatc	300
acttaaacct	gggaggcgga	gattgcagtg	agccaagatc	gcgctattgc	actccagcct	360
gatgacagac	ctagactccg	tctccaaaaa	aaaaaaaaaa	aaaaaaaaag	t	411

<210> 6
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 6

accaagtcac	cagacacaag	taaatatggg	ccttggggct	tcttttcttg	ctgacgcata	60
ttcacacagg	cagcgtgtgc	tgtgtgtgtt	tacaactgtg	tttcttagtc	ttctattcag	120
agtaataaca	gcatgacttc	cctaagatct	gattcagaga	attgaaatat	gccctgagaa	180
aacataagag	gtttttctgg	agaagtgtcc	caagggtaat	attaattggt	caaggatggt	240
tcggaaaaag	ttgcaatcat	cactgtggca	aatgaatcta	gggagaggaa	gcatgagtta	300
tttaatgtca	gttactcctt	tccgtaggtt	tttgccctttt	tttggacttt	acacacagcc	360
catttgctat	gaaactatca	gctcaaatag	cangctttca	ngcaggccaa	caatggcaga	420
ctgcattctt	nctactttnt	ccaatcatat	ttatcaagtc	ccattggggag	aatactttca	480
gtagnngctca	aantacccgc	ntncaattgg	aactgcangg	aaccnttcag	aaataacnct	540
tnaagaaaga	aataaccctt	canggaanac	cctttnggnt	tcactctann	tggggttnac	600
aagaaa						606

<210> 7
 <211> 620

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 7

ccgtggcccc	ggccgaaggt	ccnctgganc	cccgggtggt	aattggettg	aggtaaattgg	60
tggttaangta	ttaaccattt	ctatggaaat	gnccctttgg	ggccctcctg	gatttttaaaa	120
tggtcccttg	gtttggacnt	ttctattaaa	gaaatggnc	ttttacctaa	aatgccnggt	180
ctaccttatt	aaagancaaa	tngnntattn	gaccttaaaa	taggcatttt	tcctaatacat	240
aatctggccg	gcttaacccc	aatcaagata	attgggtgcc	cnttatgaat	ttgaagttag	300
tgatagcctc	cttgtaaggt	gctaccctna	tggggataga	gacccagct	actantaatt	360
ngggaaaatg	gttaaggtat	ttgggaaaag	tactctttta	aaaacatatt	ggccacagaa	420
ancctaggct	gaattacnng	gattgataat	tttгнаanta	atttcntana	atgggcnnng	480
tggatgaaaa	aatggcctcc	tcnttttccc	tgggaaccagc	ngctttttgc	ctaaacntta	540
ncctttttta	gttgaaccta	gggaccacct	aatnggcntc	acaattccct	ttttcccttc	600
cttttttttt	gccaagggg					620

<210> 8
<211> 263
<212> DNA
<213> Homo sapiens

<400> 8

gcgtgggtcg	cggccgaggt	accacttttc	ttattgcaac	tcaacaagtg	gcaattggtg	60
atgaaaagtc	aagtggggaa	cccagtcgt	ggggaacaaa	tgggaataact	tacctgtcac	120
cttgtctaac	cgggatgcaa	atcctcaagt	ggtattaaaa	agcatacagt	gttttataac	180
tgtagtgtg	tggaaagtaa	ctgggtctcca	agaacagaaa	ttactcagcg	cacttgggtg	240
aatgcccaag	aaataatact	tgt				263

<210> 9
<211> 590
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 9

acaacagggt	tcttgcac	agcttcatgc	tttcccagac	atttactcaa	gggaacgtgg	60
gagaggagg	aggaggagg	gagctgggag	tgataagcag	atgttacaca	tgtttttcc	120
ggaaagatca	ccccactttt	tctaatttcc	cagaattaaa	agaatgtatt	ttatctgtat	180
taccatggaa	attactagta	acactggatt	tttttccctc	ttttctaaag	tttccaaaaa	240
ctttcaaaag	tgttcaaaga	aattttcttg	aacaatttta	atatgtttga	tttctcattt	300
ggggttgaa	tatttgtatt	ctttttaatt	tttttacttc	atttattaga	agaagtttct	360
aatatgtgta	ggaatacaat	tttaaagtga	agattatata	gatgtagata	tagatagata	420
gatatatgta	gatatatnga	tttatgtcnc	aatatcactn	taaggcattc	ttcttccatc	480
cttttatatc	tncccaaact	ggtntnatgg	gacctgtcct	gcctgtaggt	aaaanccttn	540

<210> 10
 <211> 609
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 10

cgaggtagct	ttttcaatgt	tttaaaaaat	tgaaagggag	tataatgttt	cataacacat	60
gggaaattat	gtgcagctca	aatttcaagt	atccataaat	aaagttttat	tggaacacag	120
ctacgctcac	tcattagata	ttgtctatgg	ctgtttttgt	gcaaaatggc	aganttgggt	180
tcagagttag	caacagagag	cttgtagcct	gcaagcctag	agtatttact	atctggattt	240
ctacagaaaa	aaaaaattat	tgccccctgc	catacagtct	gactgatagc	ctgagaaagt	300
atgcattaaa	agaaagttac	ctaccctgac	cccatgagaa	tgaatttgaa	agaaccnag	360
atgtggtaga	agcagatagg	ctatgaaagt	ttcagaaggg	tancatcact	gtgggcnagg	420
atattcaaga	aaagacttca	nggaaaatgt	nggggtttga	actggncctg	agtaggagtt	480
naacttangg	gaactggntt	taggtngcca	ctttaaggct	gtcaaanatc	atggcccaac	540
attcantttg	gcccaaattc	cccangngcc	ttaaaaattt	ggacatggct	tgggttgggg	600
gncaccctt						609

<210> 11
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 11

acgcgggatg	tagtcagagg	aggccctgac	atctgcaggg	cagcatgggt	caaaccacaaa	60
agacttttct	gaggttgggc	gcagtggctc	acgcctgtaa	tcccaacact	ttggaaggcc	120
agtaggggag	gatcacctga	ggtcaggaga	ttcgagacca	tcttggctaa	cacggtgaaa	180
ccccatctct	actaaaaaaa	atacgaaaaa	aattagccag	gcgtgggtgac	gggtgcctgt	240
agtcccagct	actagggagg	ctgaggcagg	agaatgggtg	gaacccggga	ggcagagctt	300
gcagtgagcc	gagatcaggc	cactgcactc	cagcctgggc	cacaagagcg	agactctgtc	360
ttaaaaaaaa	caaacaaaca	aacacacaca	cacacacaan	aagacaaaaa	taattagcag	420
ggaatgctgg	tgcattgctg	tatcccaact	ctcaggaggt	tgaagcagga	gaatcacctt	480
gacccatnag	caatgttcat	gaacttagnc	cngccttgga	cttcancaag	gcaccgagta	540
aganttcntt	tnaaaaaaaa	aannnaaaaa	aaagtcct			578

<210> 12
 <211> 581
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 12

actttttttt	ttttttttt	ttttttttt	gggacggagt	cttgctctgt	tgcccaggct	60
ggagtgcagt	ggcgccatct	tggctcacta	caagctccgc	ctcccgggtt	cacaccattc	120
tcctgtctta	gcctcccage	gcccgcacc	gcacccggct	aattttttgt	atttttagta	180
gagacagggt	ttcaccatgt	tagccaggat	ggtctcgatc	tcctgacctc	gtggcccacc	240
tgccttggcc	tccaaaagtg	ctggaattac	agtcgtgagc	caccacgccc	ggcctaaacc	300
atttctcttg	acaacactct	ggatttttatt	tctggccaga	taccatttat	caattttacc	360
atcaagaata	agataatcaa	aataataatc	aagttttata	ttagacttat	gaagattctt	420
gcacctttga	aattacagct	atctcactag	ttnattctcc	tctctcatat	tttattacng	480
acntccagga	agacaaccaa	caccttttaa	agttggctga	gcatttttta	nggagaccct	540
taggtaanag	ggncctnggc	gggaaccctt	taggggnaat	n		581

<210> 13
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 13

ggtactggaa	caactataag	accctgttc	agattaagga	atttggtgca	gtttcaaaag	60
tagacttttc	tcctcagcct	ccatataatt	atgctgtcac	agcttcctca	agaattcaca	120
tttatggccg	atactcccaa	gaacctataa	aaaccttttc	togattttaa	gacacagcat	180
actgtgctac	ttttcgacaa	gatggtagat	tgcttggtggc	tggcagtgaa	gatggtggag	240
ttcaactttt	tgatataagt	gggagggctc	ccctcaggca	gtttgaaggc	catacaaaag	300
cagttcatac	agtagatttt	acagctgaca	aatatcacgt	ggtctctggg	gctgatgatt	360
atacagttaa	attatgggat	attccaaact	ccaaagaaat	ttttgacatt	taaaggaaca	420
ctctgattat	gtgangtggtg	gatgtgctag	caaactttaa	tcgggatctc	tttataacca	480
gggacatatg	atcatactgn	gaagatgttg	gatgcncgaa	ccnattgaaa	agtgggtctt	540
ccgttgagca	tggccnncag	tngaaantgn	cctacttttc	cccttggaag	gctttggggt	600
annangg						607

<210> 14
 <211> 599
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(599)
 <223> n = A,T,C or G

<400> 14

ggtactttca	aaatataaca	attttcgttc	tcccatataa	caggggggcta	acaagaaaac	60
caaaaataaa	taaaaagaga	aaattttaaaa	ataagtaaaa	aataaaaaaa	tatttttaaa	120
aagcagcctg	ggcaagagaa	gtgggtgggt	ttaggagaat	ccctttcgaa	aaattcagag	180

cattattatt	aatcggttctt	aaattaaatg	cagggccaag	catgctgcac	gtggaatctg	240
gacaattttt	tgataaactt	taaggctgct	aaataattta	cagaaactgt	gaatgcattt	300
tcattttacg	aggcaaaaga	gaaaatattc	aagattgcat	agcaatttta	ttttttgaaa	360
tggttatcct	aaagaatttc	cttaaattca	gattttgcaa	aattcctact	ctncaagtca	420
tcaagtgaac	actaaaagca	actttctcgt	gaatcagtgg	acttttacga	ggcatgcatt	480
tttcataaat	ctaggccaag	tgacctaat	gngattaaat	cttaatcatc	ctgngattct	540
ggctattaan	atgggtttta	ancngtaaaa	atnctttnaa	aaagccgtta	cttnccgan	599

<210> 15
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 15						
ggctacttttt	tttttttttt	tttttttttc	gaaatgaaca	aatattttatt	tatctttttat	60
aacaagtaag	gcaatgttgc	ttaaaggaag	acaaacaaac	ataaaaagatt	ccgttgacaa	120
tgcatttttt	catntgttcg	gcacaatgct	tttgtcataa	tggagatgtg	acagcaaact	180
ttccaggaca	ttcagtcctc	ggnggcagca	cttagggcan	atgactggcc	gctcaaattc	240
tctatnttgt	ttcaggacag	tggaaaagct	tatanatgag	gccaaagcac	caggtagggtg	300
gaaggttctt	gtatcggttc	gaaccccgac	agcgcgccaa	cagacaacac	naggcagtgg	360
ggagcaacat	gctgttttaa	tgancgcctg	ggtgcangcg	tgctgaggct	gaaaatggca	420
taacccccgc	gtcctgccng	gcgggcgttc	aaanggn			457

<210> 16
 <211> 643
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

<400> 16						
gggtacaatct	agctgaaatc	atatacaagt	aagtaggtgt	ggactttttac	tgctgagcta	60
aagtttatgt	ttatatatgt	tttattcttt	aagctaaaca	aacattcaga	taacattcta	120
tgcatttttt	gaagcatagg	gttagtaatg	aggacttaga	ttttttaatt	aaacaattca	180
gtaactatat	aaaaagaaaa	ggagtcctct	atgaataaat	attaaaatta	aaagaaatag	240
gcaactataa	aagtaagtat	ttttaataat	ggcattgatt	ttagtaagaa	atcaattagg	300
ctgggctgga	aagaaaaact	ggcttaatat	aaagtagttt	taatatggca	aatattcttc	360
ttaaaattgn	ggccttgga	tatcatttct	gcctattgct	gatgctaagg	natcaactgn	420
gccaagtatt	gggctgntcc	acaggtggga	angagtagca	acattttgng	gatttttttt	480
tttttttaaa	accggagaat	acccggccag	gggntcaagn	ctgnatccac	antttgggag	540
nttagccgga	naanccttgg	anccggagna	aaggttnaan	gagncaaaat	gngccatggn	600
ttccanctgg	ggacccgggg	gnaactcttt	taaaccnaaa	aat		643

<210> 17
 <211> 336

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 17
ggtactttga taaatgtaga aagattatatt aattctggct tggtagcgtg gctcatgcct 60
ataatcccag cacttcagga ggctgaggtg ggtggatcac ttgagctcag gagtttgaga 120
ccaggcgaaa cctgtctctc acaaaaaaatg caaaaattgc tggacatggg ggcacatgcc 180
tgtagtccca gctacttgga aggctgaggc aggaggatag cttgagccca ggaggtcaag 240
gttgcagtga gccgagattg tgccactgca ctccagcctg ggcaacagag caagaccctg 300
cctcaaattt aaaaaaaaaa aannaaaaaa aaaagt 336

<210> 18
<211> 614
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 18
ggtacactct tcttcgcctt tgagtgcgcg tacctggctg ttcagctgtc tcttgccatc 60
cctgtatttg ctgccatgct cttccttttc tccatggcta cactgttgag gaccagtttc 120
agtgaacctg gagtgattcc tccggcgcta ccagatgaag cagctttcat agaaatggag 180
atagaagcta ccaatgggtg ggtgccccag ggccagcgac caccgctcag tatcaagaat 240
ttccagataa acaaccagat tgtgaaactg aaatactgtt acacatgcaa gatcttcagg 300
cctcccgggc ctccattgca gcactctgtg caactgtgtg gaggcgcttcg accatcactg 360
cccctgggta gggaaatgtg ttggaaaaga ggaactaccg ntacttctac ctcttcaccc 420
ttctctcttt cctcctttac aaactaaggc tttngctttc aacatcgcta tgtgggcccct 480
aaaatctttg aaaattggct ttttggaana cattgaaaga aactcctgga aactgggtcta 540
gaaagncccta attgcttctt tacacttttg nccnncnggg actgatggga tttcanactt 600
tcttgggact ttna 614

<210> 19
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

<400> 19
actttttttt tttttttttt ttttttttgg gatggagtct cactntgttg ccaaggctgg 60
agtgcagtgg cataatttcg gctcacttca acctctgcct cccgggttca agcaattctg 120
cgtcagcctc cggaggagct aggactacag gcatgcacca ccatgcccac ctaatttttg 180

natttttagt	agagatggag	tttcaccata	ttgaccaggc	taggctgggc	ttgaactcct	240
agcctnaggt	gatctgcccc	cctnagcccc	ccaaagtacc	tgggccgtga	ccacgc	296

<210> 20
 <211> 565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(565)
 <223> n = A,T,C or G

<400> 20						
accaattata	atgcattatt	atgaaatatt	taaaatgggg	aatccaagat	gacatagttt	60
ttaactcatc	cacatactgg	aagtttagag	aaactcagaa	tttcttattt	ctttttcttt	120
ttcctccata	gcataaaagc	tttgctaata	agaataaata	tatatattgg	agtttttagtg	180
tttgatcctg	tgatcagttg	taaccatgtg	tcataaaact	ctctcacaga	ttccatcttt	240
cccaaactct	ctgatcataa	cacagattgc	catatagact	tcccttgtaa	ggagaatatg	300
ctggccataa	ggcaagcana	agtgaacttg	cagtttcact	tcttggaat	taatgcattt	360
gcattgactt	ctataannnta	atctctcctg	aatttttttg	cttagtcaac	ttactgtgtg	420
caaagncaac	agnaaattgt	ctttggttna	acttttaaca	ggncaattha	taaattgggt	480
tgaagaagcn	tcccnaaatt	ttttattgaa	ggctgaattc	aagcctcctt	taaaatggnc	540
atnqnataa	gggaatttat	tgtng				565

<210> 21
 <211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 21						
ggtactggaa	caactataag	accctgttc	agattaagga	atttggcgca	gtttcaaaag	60
tagacttttc	tcctcagcct	ccatataatt	atgctgtcac	agcttcctca	agaattcaca	120
tttatggccg	atactcccaa	gaacctataa	aaaccttttc	tcgatttaaa	gacacagcat	180
actgtgctac	ttttcgacaa	gatggtagat	tgcttggtggc	tggcagtgaa	gatggtggag	240
ttcaactttt	tgatataagt	gggagggtc	ccctcaggca	gtttgaaggc	catcaaaagc	300
agttcataca	gtagatttta	cagctgacaa	atatcacgtg	gtctctgggg	ctgatgatta	360
tacnagttaa	atztatgggg	atattncaaa	cttccaaaga	aaattttgnc	cattttaaag	420
aacactctng	antatggnga	aggtgnggnt	tgtgcctaac	caaacttaat	tccgggatct	480
tttttatnta	ccnggattcn	tttgatctt	ncnggtaaaa	aanggttga	tnccccaac	540
nnattgaaaa	nngttctntc	cnnttgacct	nggccancn	ng		582

<210> 22
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 22

actttttttt	ttttttttt	ttttttgaga	tggagtcttg	ctcttggtgc	ccaggetgga	60
gcaacctccg	cctcctgggt	tcaagtgatt	ctcctgcctc	aacctcccga	gtagctggga	120
ttacaggtgc	ccgccaccat	gccgagctaa	tttttgatc	cctagtaaag	acggagtttt	180
gccatgttgg	ccaggctggg	ctcgaactcc	taacttcatt	atctgctcac	catggcctcc	240
caaagtgctg	ggattacagg	cgtgagccac	tgtgcccaac	cctcttttcc	ttttcaaatt	300
gtcaatggaa	agttgattgg	aaaggacaat	ttggctacct	tttggtacc		349

<210> 23
 <211> 576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (576)
 <223> n = A,T,C or G

<400> 23

acctgttctt	ggagccaatg	tgactgcttt	cattgaatca	cagaatggac	atacagaagt	60
tttggaactt	ttggataatg	gtgcaggcgc	tgattctttc	aagaatgatg	gagtctactc	120
caggatattt	acagcatata	cagaaaatgg	cagatatagc	ttaaaagtgc	gggctcatgg	180
aggagcaaac	actgccaggc	taaaattacg	gcctccactg	aatagagccg	cgtacatacc	240
aggctgggta	gtgaacgggg	aaattgaagc	aaacccgcca	agacctgaaa	ttgatgagga	300
tactcagacc	accttgaggg	atttcagccg	aacagcatcc	ggaggtgcat	ttgtggtatc	360
acaagtccca	agccttcctt	gcctgaccaa	taccaccaa	gtcaaatacc	agaccttgat	420
gccacagttc	attaggataa	gattattctt	acatggacag	caccaggaga	taattttgat	480
gttggaagaa	ttcaacgtta	tatcataaga	ataatgccag	tattcttgac	taagagacag	540
ttttgatgat	ctcttaagta	aatactctga	ntgecn			576

<210> 24
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (618)
 <223> n = A,T,C or G

<400> 24

acttaaaata	aagttaacaa	ttacaacaga	cccaatcaca	gacaatacca	gcgtagaaat	60
attaactcca	gaattatgac	ttttatcagg	agtaggagta	ggagtaggag	taggtgtagg	120
atcaatgtca	tcaggatttg	cttgagggat	aaacaaagt	acttggtcaa	tggtggatac	180
ttttgatgtc	aaattgcttt	tatctatact	tttaatggca	ataaatatgt	gggttgcatc	240
ttcttctgag	atattttctg	gtttaaatgc	aaagctttcc	ttggagttgg	cctcctttgg	300
tgacagatca	gtagtattta	cttgaagagc	atcatcaaaa	ctgtctctta	gatcaagaat	360
acttgcaact	attcttatga	tataacgttg	aacttttcca	acatcaaaa	tatctcctgg	420
tgctgtccat	gtaagaataa	tcttatcctc	atgaactgtg	gcatcaaggt	ctgtgatttg	480
acttggtggg	tattggtcag	caagggaagg	cttgggactt	gtgatccaca	aatgccctcc	540
ggatgctgtc	ggctgaaatc	ctccangtgg	ctgagtatcc	tcatcaattc	aggtccttggc	600
nggttgcttc	aattncct					618

<210> 25

<211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 25

acataccacg	ctgggtagtg	aacgggggaaa	ttgaagcaaa	cccgccaaga	cctgaaattg	60
atgaggatac	tcagaccacc	ttggaggatt	tcagccgaac	agcatccgga	ggtgcatttg	120
tggtntcaca	agtcccaagc	cttcccttgc	ctgaccaata	cccaccaagt	caaatcacag	180
accttgatgc	cacagntcat	gaggataana	ttattcttac	atggacagca	ccaggagata	240
atthttgatgt	tggaaaagtt	caacgntata	tcataagaat	aagtgcagt	attcttgatc	300
taagagacag	ttntgatgat	gctcttcaag	taaatactac	tgatctgtca	ccaaaggagg	360
ccaactccaa	ngaaagcttt	gcnttttaaac	cagaaaatat	ctcagaagaa	aatgcaaccc	420
acataatttat	tgccnttnaa	agtatagata	nagcaatttg	acatcnaagt	ntccacattg	480
nacaagtnac	tttggttatc	cctcagcaaa	tctgatgaca	ttggatctac	tctactctac	540
ttctantttct	gaaaaaggat	aatccggngt	aaattttccc	tggattgctg	ggatg	595

<210> 26
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 26

actttttttt	tttttttttt	ttttttctga	gcatattata	tctaattttt	gaaggttgta	60
ttttctccct	tgttttaatt	ttctgcanat	acttttttct	tttttacttt	ccccaattag	120
tttgtttctg	actttcttcc	tcaatctctc	ctgaaccatt	gtttnttttt	aagatcagag	180
cagattctta	ggaactttta	aaactgtatg	tgggtgggat	tgtcacctan	agtgcatttt	240
tggagagtaa	ttggatggng	tgataattaa	ttttatgtgt	caatttgaca	gggtcttggg	300
gtgtccagtt	atttggttta	acattatttc	tgggtgtgcc	taaaagggtg	tcccgcgtac	360
c						361

<210> 27
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 27

acctgttctt	ggagccaatg	tgactgcttt	cattgaatca	cagaatggga	catacagaag	60
ttttggaact	tttgataat	ggtgcaggcg	ctgattcttt	caagaatgat	ggagtctact	120

ccagggtat	tttacagcatat	acagaaaatg	gcagatatag	cttaaaaagtt	cggggtcatg	180
gaggagcaaa	cactgccagg	ctaaaattac	ggcctccact	gaatagagcc	gcgtacatac	240
caagctgggt	agtgaacggg	gaaattgaag	caaaccgccc	aagacctgaa	attgatgagg	300
atactcagac	caccttgagg	gatttcagcc	gaacagcatc	ccgaggtgca	tttgtggtat	360
cacaaagtcc	caaacccttc	cttgccctgac	caatacccac	caagtcaaat	cacagacctt	420
gatgccacaa	gtcattagga	taaaatatcc	ttacatggan	gcccangaaa	taattttgat	480
gtnngnaaag	ntcacctgnt	ntataanaat	aaggccagtt	ttttgactaa	aaaaagtttg	540
aagagctttc	aagaaancta	tgatttgncc	caaggggccc	tccaggaagn	ttgttttacc	600
caaaattttt	a					611

<210> 28
 <211> 443
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 28						
cgtgccc	aaagctt	ggcaag	ttttcggtt	taaccacgca	caccaccacc	accaccatnc 60
ttaaataactt	actgcatcct	caaagcctgt	tttatgggga	ttgcatgggt	ttattttgaaa	120
tcacgcctgt	aatcccanca	ctttgggagg	ccaaggcagg	cagatcacia	ggtcaggaga	180
tcgagaccaa	tctgggtaca	cgggtgaaacc	ctgtctctat	taaaaaaaaat	acaaaacaat	240
tagccaggca	tggtggcagg	cgcctgtagt	cccanctact	cgggaggctg	angcaagana	300
atggcgtgaa	aattggaggc	ggagcttgca	atgagccgag	atcgacttg	ctgcacttna	360
acctgggcaa	caaaacgaga	cttcatntct	nttttnnaaa	nnnaannnnn	nnnnnnnnng	420
tcctttggcc	cgaccacnct	tan				443

<210> 29
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 29						
ggtacttttt	tttttttttt	tttttttttg	gagtgcata	catcacccca	acttcgggtt	60
tttacatttt	aattttgtatt	gnttttaatt	tatttttgagg	caatgtctca	ctatgttgcc	120
caggctgggt	tcaaatagaaa	acaatgctat	caatcacatt	cttgcatagg	atatgtgtca	180
gtaatcctcc	aaaatgaaca	tganaaatgg	aattgtcaag	tcatagatta	agtgcata	240
acttttgaat	agatagtata	aattttttcc	ccaaatgaga	attttatatt	ctcactggca	300
acatgaaaat	agccatctct	ctataatctt	atcaaccctc	gatagtgtca	ttttttaatt	360
tataattatg	agtgaaaatg	gtcctgccc	ggcgggcgct	cga		403

<210> 30
 <211> 615
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 30

ggtacagtgg	tagcatccaa	atgggcaaac	gtagtagcag	gggcagggtc	agtcaagtca	60
tcagcaggca	catagatagc	ctgtactttg	taatattctt	cccacccttg	agaatggact	120
ttgtaagatc	cgccccctgc	ccacaaaaaa	atttctccta	actccactgc	ctatcccaaa	180
cctataagaa	ctaatagataa	tcccaccacc	ctttgctgac	tctcttttca	aactcagcct	240
gcctgcgccc	aggtgattaa	aaagctttat	tgctcaccga	aagcctgttt	ggtgggtctct	300
tcacacagac	gcgcgtgaca	gaaaccactt	gaagcccggg	cgcggtgggt	caggcctgta	360
atcccagcac	tttgggaggg	tgaggtgggt	ggattacctg	aggtcangag	ttcgagacca	420
gcctgaccaa	catggtaaaa	ccctgtctct	actaaaaatc	aaaaaaanta	accnnggggtg	480
gtggnnngca	cctgtaattc	agttcttggg	accttangca	ngaaaatcct	tgaacttgga	540
ggcggagggtg	catanttgaa	acaaaccttg	nctcaacctg	gnaacaaaat	aaaaatccgn	600
tnaaaaaana	aaaaa					615

<210> 31
 <211> 485
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 31

acgcggggat	aagctacaac	ataaacacat	ctaggttctt	gttcttagaa	tacagcatga	60
agaatttgct	ttcttctttc	ttcctaacat	tttcatgtga	gatccagaaa	ggacacattg	120
tctctggcca	ttcgaagaaa	gaaagaaaga	aagaaaaaaa	aggtatttag	agacagagag	180
agaaaaaggc	tgaaatgggt	tcgctgggtt	ctaaaaatcc	gcaaaccaaa	caagcccaag	240
ttcttctttt	gggacttgac	tcagctggga	agtctactct	cctttataaa	ttaaagcttg	300
ctaaggatat	taccaccatc	cctacaatag	gtttcaatgt	ggaaatgata	gagttggaaa	360
ggaatctttc	actcacagtc	tgggatgttg	gaggacagga	aaaaatgaga	actgtttggg	420
gctgttctgt	gagaaccena	tnggctngtg	tatgtgtgga	cagtccttcg	gcccgaaccc	480
cttan						485

<210> 32
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 32

cgagggtacgc	gggtgtctag	accttatgtc	aaaataagcc	caattgtatt	aaagagtatt	60
aaattgtatt	aagaataaaa	acacatggcc	gggcacgggtg	gctcacgcct	gtaatcccag	120

cactttggga	ggacgagatg	ggcggattac	aagggtcagga	gattgagacc	atcctgggcta	180
acatggtgaa	accccgctctc	tactaaaaat	acaaaaaaaaa	aattgtccag	ccgtgggtggc	240
aggtgcctct	agtcccacta	ctccagagct	gaggcaggag	aatgatgtga	acccgggagg	300
canagcttgn	agtgagccng	agatctcgcc	actgcactcc	ggcctaggcg	acagagcgag	360
actctgtctc	anaaaaaaat	aatgantaaa	aaaanaagtc	ctgcccggcc	ggcgntcnaa	420
nggcgaattt	cancacatgg	cngcngttac	tatggatccn	actcggtcca	anctggcgta	480
atcatggcat	agnttttntc	gtggnaaatg	gtatccgtnc	aantcncna	attcaaccgg	540
agcttaannn	ntaacctggg	gcnatnnnnn	nctacttcat	tattgcntnc	ntatggcgct	600
tncattggaa	ctnttgcnc	gnntatnnc	gccnccngg	aaagnnttnn	ntgggncctt	660
ctctgttann	atctnnggct	tngttgggag	gntnctntna	gnggntngtt	tnatnggtcc	720
ngnaaatttc	agcctangnc	antnagcctn	ttgnttaatc	tcnactnna	aaaaataang	780

<210> 33
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 33

acataccagg	ctgggtagtg	aacgggggaaa	ttgaagcaaa	cccgccaaga	cctgaaattg	60
atgaggatac	tcagaccacc	ttggaggatt	tcagccgaac	agcatccgga	ggtgcatttg	120
tggatcac	agtcccaagc	cttcccttgc	ctgaccaata	cccaccaagt	caaatacacag	180
accttgatgc	cacagttcat	gaggataaga	ttattcttac	atggacagca	ccaggagata	240
attttgatgt	tggaaaagtt	caacggtata	tcataagaat	aagtgcaggt	attcttgatc	300
taagagacag	ttttgatgat	gctcttcaag	taaatctact	gatctgcacc	aaaggaggcc	360
aacttcaagg	aaagctttgc	atttaaccan	aaaatatatta	taagaaaatg	caccacata	420
ttataaccatt	aaaagttinga	taaaacantt	tgcctcaaaa	gtttccacca	tggacaagta	480
acttggttat	cctnagcaat	cttgtgcctt	gattactcnn	ctctattcta	tcctgtnaaa	540
gcntaatctg	agtaaaaattt	nccctggntt	gtggattggc	tngtnatgta	atttnttaag	600
nctggcngac	cncctaggnaa	tnnccttggg	cgttangncc	gtngccantt	gtattngtaa	660
tttctnga	gtnttcnnn	nnntaccngt	aagnatgggn	tnggnnatnn	atnttttncn	720
tnntnatnnn	entnnannnn	tg				742

<210> 34
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 34

ggtcaaata	ggaataatga	ggaacaaaa	ccatacatat	aagagggatg	gcacagacct	60
tgtgacaaag	tggctcctgaa	atttctggag	gggaaatgaa	taagaataac	cgagatagtt	120
atgcttggag	gaagaggaag	atcaaggtgt	cctaacctac	cagaaactaa	gacttatgaa	180
accttagtca	ttaaaatatg	tagtattagt	tcagaaatag	taaataaatc	aatgtaactg	240
aatggaacct	gggaacaaat	atagctacat	gtaagatctg	ggtatatgct	ggaggtgaca	300

taacaaatga	agagaaacaa	tggactattc	aaagctgtgt	tgctatcttt	attggcaaca	360
aatatgggaa	aaaatnaaat	gagatcctat	tcacatgaat	gacaaaaata	aatgccatat	420
tgattaaacc	taaatatgac	aaggaaggcc	tcaaatttta	gaaaaaaatg	ccaaattnta	480
cncattggga	gataattcat	taacaagacc	aanaaccnta	aggaaagatg	ntaatttnga	540
tatattaaga	tttactatgt	ttataaatca	aggatagtcc	cgcttaagan	actttctttt	600
atttttaatt	aatattatta	atattttgana	cttgcttgnt	tnggtgaacc	ggtaatttgg	660
tattnacctt	ctccggttan	gattnnctaa	ncctgtgnt	nngttgnncc	ncncnatttt	720
tntacagttn	ttgcgcgnta	ttncnggnng	ccccnnngn	ngg		763

<210> 35
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 35

acaggggaat	ggaatggaat	ggaatgcaat	ggaatggaat	catccgtaat	ggaattgaaa	60
ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	ggaatcaact	cgattgcaat	120
cgaatggaat	ggaattgaac	taacccgaat	agaatcgaat	ggaatggaat	ggaacggaac	180
ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	ggaacggaac	ggaatggaat	240
ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	300
gcaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	360
gcaatggatt	caactcgatt	gcaatggaat	ggaatanaat	ggaatggaat	ggaatggagt	420
ggaataattc	naatagaatg	gaatggaatg	gaatggaacg	gaatggaccg	gatggaacca	480
attgtaatgg	aatggaattg	atggaatgga	atggaatcac	cctagtcaan	ggaatgtatg	540
gaccggattc	aatgaatgga	tattccgnat	ggatggatgg	gaatgaattg	atgattggat	600
ggatggatca	ccatccatga	agattgatga	tggatgatgc	cacccatgat	gattatgnat	660
tagngtnata	tctncatnna	ggatgntnch	attatgngnt	gatgacatga	ntannccnnc	720
nctttnancn	tatttttttg	ggncceccctc	ccagttgntt	taaannn		767

<210> 36
 <211> 608
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 36

acatatagtc	aacgaaatat	tcaaagaata	acttttatata	ctcttgttct	ttaaattcta	60
tcctctcttt	cagaattctt	ccattttaagt	ttgggtattt	tcctagtttc	aacagatgaa	120
cagaagactt	cattgaacat	tttgacagta	agctactaga	gaccaattat	caactgggtgc	180
tacacatgct	gtgttatctc	ccttactatt	aaactataac	cctctcttgc	tattttgttt	240
catgcatcac	caaccaaact	tcattttttc	taataaaaaa	taaatatata	aagaagacac	300
tgacaggcat	atattcacia	gatctcaact	tcttaaaaaca	taagtatggg	tatatattatt	360
tctctcaaat	gcatacnaga	caataattac	ncagcaacca	atcttttggt	caacaatgat	420
ttgantcata	agcatttggga	aattacataa	tttcatatca	atanccctgt	tttttnaata	480

cagaagtaaa	aaanccccaa	taaccaatct	taaatttcna	ttatcccctt	acctccaacc	540
tttnaaaggt	cccaccgggc	cttttcnnc	attaatttgg	tnaaactggg	gttnaaaacc	600
gcctnecn						608

<210> 37
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 37						
acagacatgg	cggcggcttt	tcggaaggcg	gctaagtccc	ggcagcggga	acacagagag	60
cgaagccagc	ctggctttcg	aaaacatctg	ggcctgctgg	agaaaaagaa	agattacaaa	120
cttcgtgcag	atgactaccg	taaaaaacia	gaatacctca	aagctcttcg	gaagaaggct	180
cttgaaaaaa	atccagatga	attctactac	aaaatgactc	gggttaaact	ccaggatgga	240
gtacc						245

<210> 38
 <211> 630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 38						
actacactga	attcaccccc	actgaaaaag	atgagtatgc	ctgccgtgtg	aaccatgtga	60
ctttgtcaca	gcccaagata	gttaagtggg	atcgagacat	gtaagcagca	tcatggaggt	120
ttgaagatgc	cgcatttggg	ttggatgaat	tccaaattct	gcttgcttgc	tttttaatat	180
tgatatgctt	atacacttac	actttatgca	caaaatgtag	ggttataata	atgttaacat	240
ggacatgac	ttctttataa	ttctactttg	agtgcgtgtc	ccatgtttga	tgtatctgag	300
caggttgctc	cacaggtagc	tctaggaggg	ctggcaactt	anagggtggg	agcagagaat	360
tctcttatcc	aacatcaaca	tcttggtcag	atttgaactc	ttcaatctct	ttgcactcaa	420
agcttgtna	gatagttaa	gccgtgcata	aattnacttc	caaatttaca	tactctgctt	480
anaaatttgg	ggggaaaaat	taaaaaatnt	aattggccag	gatnttggn	atttggtata	540
atgaatgaaa	cattttngna	ttaaaaatca	nattacttnt	aanctttgat	aaantaaggc	600
atggntgggg	gtaattgggt	tttttgttcc				630

<210> 39
 <211> 626
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

<400> 39						
acagtgggtcc	ttttcagagt	tggactttcta	gactcacctg	ttctcactcc	ctgtttttaat	60
tcaaccagc	catgcaatgc	caaataatag	aattgctccc	taccagctga	acagggagga	120
gtctgtgcag	tttctgacac	ttgttggtga	acatgggctaa	atacaatggg	tatcgctgag	180

actaagttgt	agaaattaac	aaatgtgctg	cttggttaaa	atggctacac	tcctctgact	240
cattctttat	tctatttttag	ttggtttgta	tcttgccctaa	ggcgctagt	ccaactcttg	300
gtattaccct	cctaatagtc	atactagtag	tcatactccc	tggtgtagtg	tattctctaa	360
aagcttttaa	tgtctgcatg	cagccagcca	tcaaatagtg	aatggctctc	ctttggctgg	420
aattacaaaa	ctcaaagaaa	tgtgtcatca	ggagaacatc	ataacccatg	aaggataaaa	480
gccccaaatg	gnggtactga	taataacact	aatgcnttaa	gatttggtca	ccctctcnct	540
aagggagccc	attgagccna	ngngngctaaa	gcctcatact	ccacctgaat	ggtaggaga	600
aaatttatcc	caaaaaaaaa	aaaaan				626

<210> 40
 <211> 645
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(645)
 <223> n = A,T,C or G

<400> 40

cgaggtacgc	gggcaggaca	tttaaaaggt	ttcagcagaa	atcttatgat	tatgtctgac	60
ttgcagtatt	ttatttgcc	ctttgacggc	ttttttttt	ttttttttt	agacagagtc	120
tcacactgca	ctccagcctg	ggtgacagag	tgagagactc	cgtctcaaaa	atgaatgaat	180
gaatgaatga	atgaatgaac	aaacgaacaa	ggcgggttaa	tgtcagaaaa	cttcctaagc	240
atttgctccc	caaacccttc	atgtttttca	agaagccttt	attacataaa	ggggaataga	300
attaaaaatgt	ttctttataa	gaaaaatata	catatttg	ttcttgcccc	cattaaaact	360
aatcagtagt	cctttggcca	aaaaatagtc	aacaaganaa	ctgggtatga	ntccnggcnt	420
tactcctgnt	cataagtng	gatgcntgtg	tctganccna	actgnctcaa	ctngagctct	480
tgggggtataa	caanaaaacc	gngttttcat	gaaaccctg	ggccnttata	aaaggtttcc	540
cttggggggc	ccaatgctta	ttntngattn	gggttccaaa	anntngcaat	tggnataggt	600
gcttgaaata	acccctttt	agtnnaattc	cnacccaaa	cntgn		645

<210> 41
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 41

acgcggggct	cttcacgagg	tggaaacaag	atggaggatt	cgccctcggc	ctcgctgtct	60
tctgcagccg	ctactggaac	ctccacctcg	actccagcgg	ccccgacagc	acggaagcag	120
ctggataaag	aacagggttag	aaaggcagtg	gacgctctct	tgacgcattg	caagtcacag	180
aaaaacaatt	atgggttgct	tttgaatgag	aatgaaagt	tattttta	ggtggtatta	240
tggaaaattc	caagtaaaga	actgagggtc	agattgacct	tgccctcatag	tattcgatca	300
gattcagaag	atatctgttt	atttacgaag	gatgaaccca	attcaactcc	tgaaaagaca	360
gaacaagttt	tatagaaagc	ttttaaacaa	gcatggaatt	aaaaccgggt	ctnaagatat	420
ctcctccaac	tctaaanaa	gaatataaat	cctatgaacc	aagctcgcc	tttaacagtt	480
tgattcttcn	tactgatcca	aaataagcgg	ttttacctcc	ttattgggag	acattnttta	540
aaaaagaaag	tccatntntg	naacctttt	ccaaaatttn	tcagananac	atgctgnttg	600

<210> 42
 <211> 259
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 42

ngtacgggtcg	gtggcagtc	tattctgaga	tctgtagatg	cttagaatat	cagtattttg	60
gatgttgctg	cattttacaa	tttatttgga	gtcttccttn	atcttcctcc	agatatatga	120
aaatatgcaa	tacctgctta	tatcatgtag	aaaagcttag	caattattaa	tttttctnta	180
tttcatttta	tttgaccaa	gtcggtgctt	cacttgactc	antgtgtttt	aggtgttngt	240
ntttntacct	ttccggca					259

<210> 43
 <211> 509
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 43

acgagtgtat	ttttgatggg	aaggccatgc	taaatctata	aaacagatgt	ttcctctccc	60
aacagtggtc	accagtagtt	tcaacttttt	ccccccagta	gcatcaacca	aacttagcat	120
agtgattttt	aactctttgc	tcccacacgc	actcatccca	acttccccgc	ttgccccact	180
ccctgggggg	aaataaccct	gccttttaaaa	taaatagcaa	ccaagtgtc	agttctatgg	240
aaagtatgaa	tatttatctc	aggctttcga	tcccaatcga	tttcaaaaaa	caaagtctga	300
tttctctcct	cagagcagct	gaggcctcca	tgttacgatg	gtttcatgga	gattgaagga	360
gcacatttca	tcaggccttag	cacaaagtcc	ctgatgccca	ccatgtccca	gccttagnaa	420
aggaaagaaa	cagaattcac	caccatgggg	ctgaacgaat	gccacaccta	atgtaaatga	480
ncagctaacc	ttggccaaat	tgtggtttt				509

<210> 44
 <211> 544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 44

tttttttaaaa	gtgtcactna	ntctttaann	anatncatta	ccattttttt	tncaaantaa	60
attacgggtt	taaanggaan	acacatggna	atntananaa	ncaccgnga	annttaanta	120

cctngggngc	gancanactn	anggcgaatt	cgaaccaatg	ggggcngnaa	cnaggggatc	180
ccagctnggt	acaaaaattg	gcgtnatgat	cgcaatagcg	gtacctgtgn	naaanggtta	240
ttcnntngta	aaancagann	tcntnnaagn	nngaccaaaa	aangtaaatac	ctgggggtgcc	300
taatgannga	tntaaancna	ttaattgggn	tgccacactg	cnantttatc	gttcaaaaac	360
ccgttaaach	ngtgnaaaaa	tgaatngcca	accntnngga	aaagccgnat	cntttgggng	420
cttttccttt	ttggctctna	cnccttcctan	nngnnngttt	gggnncggnt	nagttcntaa	480
aggcgnaaaa	catttacaaa	aataggggaa	ancccgaaaa	acatttaccc	nagccacctt	540
ntcn						544

<210> 45
 <211> 630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 45

ggactctct	atcactgaca	aatgcaggct	ggattcttat	tatatacaga	gatggctcaa	60
aaatgggggt	tcagatcttt	gtgacgaaat	agaatactgt	ttcatatttg	aatcagaggg	120
cttcttggtc	tgagaaatag	gttcaaaaatc	attggaacca	ggaacaagaa	tagcttattg	180
ttatctgtga	taacactggt	ttctaaccac	aaggattttc	ttttttatta	atatgcaaca	240
tagacattgc	cataacagaa	taataaacca	catgtggggt	tttaaaaatg	aaatttggtc	300
aataggagca	attcagctat	ttttctatca	agaaattggg	tgggggtggga	tagaaagaaa	360
aaccggggtc	aacccctact	ctgcccccta	accagctata	tggcctggat	ggagcattca	420
acctttaata	agggtcaatt	tontctgttn	aaaagacccc	aaacctggaa	atcacnttng	480
cctctccctg	aaaataanaa	ggctngattt	ttggaataan	aaacataatg	nanctnnggc	540
ccaatggctc	gccccgtaat	ccaccctttg	gaggccangc	ggncggacac	ttgaggtagg	600
agttgaacca	cccgccacct	gggaaccenn				630

<210> 46
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 46

tttttgactc	ccaaagtcat	tttatttaac	aaaggggtca	aggcagagga	aagtttccct	60
taatatcccc	acaactgctc	cacatgtctt	ctgtggaaac	acttcaccag	gaactagctc	120
aacactcttg	ctaacaattt	agtgtctata	caggaaggct	ggtgtctctg	ttacagggtg	180
cccgttcctt	aaagccttta	gggttaaatc	cagctgcact	gagtggccaa	gcagaccctg	240
ttgggatgtg	aaagcagttt	gttaacaggg	cccttgcccg	ggcccagagg	ctgtcagact	300
cancaagtaa	cactgaatgt	ccaaaaatac	ggctgtgtta	aactaacaag	ccaatccttc	360
tgctcagatc	tctggataga	aatgattttt	cttttatcta	tgggggaatg	caatttcctc	420
acaacccctt	acataaacgc	tcctgaaacc	ctttcagtag	acagcatttc	aattcaaaaa	480
ccaaaagtga	aactatcttt	gaaaacangg	acctggctgg	gaaaccatgc	acacctcggc	540
gaacactttt	cccccccacg	aacttggact	ttntgggaag	gtggcggggt	tttggcnaaa	600

acattcttga agcntaggaa gg

622

<210> 47

<211> 253

<212> DNA

<213> Homo sapiens

<400> 47

ggtacttttg	tttgaaaaca	acacttagag	cctccagata	acttttaaga	cttatttagc	60
tttgtgggtg	gtattttcat	gcaaataagt	aaggggtggg	tttatatttt	gtagaagttt	120
tcggtcctat	tttaatgctc	tttgtatggc	agtatgtata	tattgtgtta	agttcctcaa	180
gaatctcctt	aaaaactttg	aagttaatac	ttttgtgcaa	ctgtgttttg	aataaagcca	240
tgacagtgtt	aaa					253

<210> 48

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 48

acttacatat	cctacatttg	actacattat	ttccaaacca	agtattccat	ccaaaggaac	60
atactgctat	catagagacc	aaggagggac	tgtttaaagt	tgccaagggtg	aagcgagctg	120
agaggctttg	tcctcgtgcc	agtaactctg	aaatttctct	taattcctgc	tgtccaggca	180
gcagaatgcc	atgggtttcc	caagtaggta	gctgctttag	cagttaaagc	ccaaatgtct	240
gttctgttga	tcaagaggtc	tctgaatttc	tgaagtgggtg	tttcgtttct	ggtgactgag	300
ttaatccttt	acaatnctc	ttgtaaagtg	tgctaataga	agaatccac	ctttcaaagc	360
tgcagaacca	naccgtgccc	taaattgacc	aaccgtanct	gatgtgcctn	angaagtctt	420
ttgccaactg	ccctgtgaan	acccctnctt	ccccccagct	ngtggcttgc	acactgaaca	480
tttaaaactgn	gcaaagccgt	gtagttataa	nacagtaa	cccaaggctt	ggttaantgc	540
tgggnnaaaa	ctgggttgat	anacttaact	taaaaccctt	tacataaacn	tnngaactcn	600
aagaaaa						607

<210> 49

<211> 421

<212> DNA

<213> Homo sapiens

<400> 49

ggtaccactg	gatgaggggc	cgggacatac	tgactgcccc	tttgaccca	caagaatcta	60
tgatacagcc	ttggctctct	ggatcccttc	tttgctcatg	tctgcagggg	aggctgctct	120
atctgggtac	tgctgtgtgg	ctgcactcac	tctacgtgga	gttgggccct	gcaggaagga	180
cggacttcag	gggcagctag	aggaaatgac	agagcttgaa	tctcctaaat	gtaaaaggca	240
ggaaaatgag	cagctactgg	atcaaaatca	agaaatccgg	gcacacaga	gaagtgggt	300
ttaggacagg	tgctgttccc	gagactcagt	cctaaagggt	ttttttccca	ctaagcaagg	360
ggccctgacc	tcgggatgag	ataacaaatt	gtaataaaa	taacttctct	tttctttcaa	420
a						421

<210> 50

<211> 624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 50

ggtacttcag	tattgcattc	tattcctctt	aatgttttta	tgggatctcc	agggaaagag	60
gaaaatgaaa	accgtgatct	aacagctgag	tctaagaaaa	tatatatggg	aaaacaggaa	120
tctaaagact	ccttcaaaca	gttagcaaag	ttggtcacat	ctgggtgctga	aagtggaaat	180
ctaaatacct	ctccatcatc	taaccaaaaca	agaaattctg	agaaatttga	aaagccagag	240
aatgaaattg	aagcccagtt	gatatgtgaa	cccccaatca	atggatcctc	aactccaaat	300
ccaaagatag	catcttctgt	cactgctgga	gttgccagtt	cactctcaga	aaaaatagcc	360
gacagcattg	gaaataaccg	gcaaaatgca	ccattgactt	ccattcaaatt	tcgtttattc	420
aaacatgatc	aagaaacggt	ggatgacttt	aaaaaanatg	ccntaaggac	anttgtgatt	480
tgcagggtggg	aagatnaaca	gttcatatcc	actgaatgaa	atgcatcttg	tggaaganct	540
catgnatnaa	ggttaatggc	tgaaatgaaa	actccaaaag	aaaccaaaaa	ataccggccc	600
ctttgaaatt	caggganncc	tatg				624

<210> 51
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 51

ggtacgcggg	ggaaacggaa	gtgagcggcg	gggtcgactg	acggtaacgg	ggcagagagg	60
ctgttcgcag	agctgcggaa	gatgaatgcc	agaggacttg	gatctgagct	aaaggacagt	120
attccagtta	ctgaactttc	agcaagtgga	ccttttgaaa	gtcatgatct	tcttcggaaa	180
ggtttttctt	gtgtgaaaaa	tgaacttttg	cctagtcatc	cccttgaatt	atcaagaaaa	240
aaattttccag	ctcaaccnaa	gataaaatga	atTTTTTccc	cctgaagaaa	cattcagggc	300
tattttgctt	cccttaaaat	accagaatgg	gattcaaggg	cagtgccacc	aggtcaaccg	360
ctttcatttc	tttcaagcct	caaatctttc	acttgaatgt	ttgaagggta	atggatgaag	420
acctattgga	attgagggat	atctttaatg	atccgccccca	aaccgaatcc	ttggaaaagc	480
cacccttgat	ggtggaatat	aaccttggtt	actgaatatg	tgcctgtcat	ggaaccgagg	540
cgcacatctg	ttatagcatc	tttgacctgc	cggccgcccc	aaaggcgaat	ccacnccctgc	600
ggccgttcta	tggaccaact	cggnccaact	gn			632

<210> 52
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)

<223> n = A,T,C or G

<400> 52

acttttaatg	gtgggaattt	acagtagaag	catcctttgc	tgagttatac	attcctttat	60
caatctcttt	tgatacaaca	tttaaaacaa	gtagcttcaa	gaaaccactg	gtgttttgag	120
gatagtattt	ctaaatagca	ttcaggaaca	gagtattatt	gcacagatct	gaagatcaaa	180
aaaaagctca	aggaaataca	gatcgggaag	gctgatgagt	tatatattt	gaaaacccaa	240
cttttaagga	agtgctaaga	tcagtcaccc	atgtgaataa	gaagccagga	aaggaaagat	300
ggggaaagcc	canatcacca	ggcttctatt	aaggaggaaa	gcaacagang	aaacagtga	360
agggaacaga	aaggggtagc	caagtgttac	aaaaaanccg	actggataac	caaactncaa	420
aaagngtatg	ttggggagaa	ctgaaangga	aaacaaaata	cttgactaat	cntaagtaga	480
aaaaagcagn	tagagaaaac	caaataatttc	tggncctgtc	acatacaact	tcaaataccc	540
ttatanaatc	caaaaatgat	gtgtgtgaag	naaaatttat	tgccntccga	aaaataantt	600
tntccaatnt	gaaacaaatc	aac				623

<210> 53

<211> 627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 53

ggtacgcggg	gtcgcattgc	ctgtggctaa	tgccgtaggc	tctttcaggg	ctgagccatc	60
ctgcgtgtct	tgcgctcggt	ggaaatgccc	agccgaggga	cgcgaccaga	ggacagctct	120
gtgctgatcc	ccaccgacaa	ttcgacccca	cacaaggagg	atctaagcag	caagattaaa	180
gaacaaaaaa	ttgtggtgga	tgaactttct	aaccttaaga	agaataggaa	agtatatagg	240
caacaacaga	acagcaatat	attctttctt	gcagaccgaa	cagaaatgct	gtctgagagc	300
aagaatatat	tggatgaact	gaaaaaagaa	taccaagaaa	tagaaaactt	agacaagacc	360
aaaatcaaga	aatagtcaac	ctgatttcac	ataacaatgt	gtggcatttg	ttgttctgta	420
aacttttctg	ctgagcattt	cagtcaagat	ttaaaagagg	acttactata	taatcttaaa	480
cagcggggac	ccaatagtag	ttaacaattg	gtaaagtctg	atgttaacta	ccagtgntta	540
ttttctgntc	acgtntctaca	cttgangggg	gtttgactac	ccancctgtg	gaagaagaaa	600
gaagcaatgn	ggttctatgg	atggaga				627

<210> 54

<211> 565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(565)

<223> n = A,T,C or G

<400> 54

ttttccttga	gtgctccctt	ttatgtcatt	ttattttctt	ttatgcagac	cagtgggggg	60
aaaatcccat	agattcttct	ggaaactgtc	aagatgctgg	gaagatgaat	gcaaaactta	120
catagattgg	gatgtccaca	gtttggattt	tcaaggtagt	gcttttgcag	gatgacgtga	180
tcaacccaaa	cttctgcttg	atctggtttg	tctgaactc	ctgccacttg	ccgccaacca	240

gggcctctgc	tctgatctca	tacttcacca	ggcgtgccgn	tgcaggctg	acgtggttgt	300
gctcgtagac	cgcagagggg	gattccaggt	ctgtgtgctt	tattctctgc	atgtaaaaac	360
tataagaggt	agtatcatgt	ttgagtcctt	ttatcttaaa	gaagaatcca	tatagagcaa	420
tcgttttcga	ataagttgna	ttctctgngt	ctggcactgt	gtccagtgt	ctcanaggat	480
gcangggaga	anaccaaaaa	gtntctgagc	agtctcacat	gggaaataaa	atgtgtcccc	540
ggtaccttgg	ccngaacac	nctaa				565

<210> 55
 <211> 451
 <212> DNA
 <213> Homo sapiens

<400> 55						
acagagatga	caagagaaag	gcacaaatga	ccggagtcag	ggattgtggt	gagggctcca	60
catgaagaca	gcatgttgga	ggagaccaag	ttgggaaggg	tgacatgtca	tacatcaaaa	120
gttgccecaa	gatagcaggt	tataatgggc	tagagagaaa	ttagagggaa	catctcttcc	180
ttcacttgaa	caacacccaa	aatagaagac	cagagaatag	aaggatggtg	acaaatccca	240
aaaaggaaat	ggaggaggag	ttcgtggaag	ggcagaaaca	ctttaatcct	agagggaggg	300
tgaggcactg	ttgaaaagag	aagcaaactt	tggcaggggt	ggccattctg	ccttgctgag	360
tcatgggctg	agatacggaa	gtcactttca	atcattttct	acttctccca	gggcactcag	420
acaaaatcag	tgcaaggtat	atggaagtac	c			451

<210> 56
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 56						
ggtacgcggg	gcttccgaga	cgcactgggg	gccggatgta	gaatcctgct	tatctgtgaa	60
atgcagttaa	cacatcagct	ggacctattt	cccgaatgca	gggtaaccct	tctgttattt	120
aaagatgtaa	aaaatgcggg	agacttgaga	agaaaggcca	tgggaaggcac	catcgatgga	180
tcactgataa	atcctacagt	gtttcactct	tggtgcccag	gctggagtgc	aatggcgcgga	240
tcttggtctca	cggcaacctc	tgcttcccgg	gttcaagcaa	ttgtcctgcc	tcagcctcct	300
gagttgctgg	gattacagat	tggtgatcca	tttcagatac	ttgtggcagc	aaacaaagca	360
gttcacctct	acaaactggg	aaaaatgaag	acaagaactc	tatctactga	aattattttc	420
aacctttccc	caaataacaa	tatttcagag	ctttgaaaaa	atttggtatc	tcaacaaatg	480
acacttcaat	tctaantgnt	tacattgaan	aaggagagaa	acnataaatc	angaatacct	540
aatatcttca	gtngaanggc	atcaagggtc	tcttgaaaaa	ttnccggaat	aatgaatntn	600
ccnaagtcca	aanattttt	aac				623

<210> 57
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)

<223> n = A,T,C or G

<400> 57

cgaggtactt	tttttttttg	tttttttttt	tttggtttct	gtcctttaat	ttttaacag	60
aataacaga	gccacacaat	acgatttcaa	tttcaaatta	tgggagatca	tattcaaata	120
tgcttaggtt	tgacaagtgt	ctgttacaat	actgagaact	ttcatgaaaa	cggtatttaa	180
caatttttaa	gataatcaaa	tatctttttg	ctacgtgggc	caacgcatta	atactaactt	240
gtttaaaaat	gcagtctttt	agacttcaaa	ttattataaa	acaatatcaa	gatcatatag	300
atatacttcc	tgattactca	aaactcgttc	cattctgatg	gaggctgaag	gtaaatgtta	360
ttatacatta	gaacatttca	tgaaaccact	tctcctttgc	acttacctgt	aaaagtcaaa	420
aattaaacca	caatttccta	agacataact	atttctagaa	tacattgggtg	taatcataaa	480
agactacnag	taaattatca	tttttatcta	acacttttta	ccacacacat	ctttcctaaa	540
aggaccnaaa	aaaattggga	atttggattc	cttacataac	aggactcata	cttctgattt	600
aataaatnnc	actcttttca	ag				622

<210> 58

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 58

ggtacttttt	ttttgtttgt	tttctagact	taataaaaagc	ttaggattaa	ttagaagaag	60
caatctagtt	aaatttccca	tttgtatttt	atcttcttga	atactttttt	catagttatt	120
tgtttaaaaa	gatttaaaaa	tcattgcact	ttggtcagaa	aaataataaa	tatatcttat	180
aaatgtttga	ttcccttctt	tgctattttt	attcagtaga	tttttgtttg	gcacatgttt	240
gaagcaccgg	aaagataaat	gattttttaa	aggctataga	gtccaaagga	atattctttt	300
acaccaattc	ttccttttaa	aatctctgag	gaatttggtt	tgccttactt	tttttttctt	360
ctgtcacaa	gctaagtggg	atccgaggtt	cttaatatga	gattttaa	aatgttgn	420
ttcttatttt	cagcacttac	atcatttggt	acctgccngg	cgcccgntcg	a	471

<210> 59

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 59

ggtacataca	caatcactca	actggaacaa	tcaaaaccat	ctatgagtgt	ggttattaaa	60
aaataaaatt	acgttcatac	aatggtagaa	aatgaaatgt	ttttattaat	ttgattatta	120
atacaaaacc	acacatatat	gaattatata	acctagtgtt	atatatttaa	aaatctttat	180
gcttgcaact	gaaatgtctc	tactccaagg	gaagtttctg	atttttaatt	ttcttatttt	240
aaggaatcta	ttatattcac	aatgattaaa	atgccttaca	cataggcaaa	aagcagaccc	300
aatcccagca	aacagaaaaa	ccataagtct	atcatatcac	catatgtttc	accatatagt	360
tttgaaaaat	aatcctattt	gcagtttggt	atgtcttcat	atttataact	attatcaaag	420

tgattgcata	ttgaggcaca	gagctttaaag	aggaaatata	tattactttat	aggggaacca	480
gacactgaaa	caaggaatat	caatcaatgg	cttcaaacna	aaaaaaaaann	nnnnnnnnnnn	540
nnnnnnnggaa	aaggaaaagt	cctgncccgg	cggncggttca	aagggcnaat	tcaaccactg	600
ggggccgtac	ttatggac					618

<210> 60
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 60

acttttttaa	ccctcccaac	cagccctttc	tcaatattca	tcaaactctaa	aacatttagg	60
gggcaaaatt	ctaacatggt	catgggtatct	tgcaaatagt	aaaagcttta	ttctgaagga	120
ttataaacta	gtttttctcca	ttttaactag	cactattttg	tggaaattag	aaacctcttt	180
tattttctctt	cccaaaagta	atacttatta	taaggctgta	gtatcagggt	aaggatacag	240
ataaataaag	ttcacttata	tcttcttaca	aatgtctggg	ttttaatatg	gttaatcact	300
tatatacaaa	tattacaact	ttttagtgc	agtttttgga	agaaaacttt	ttgataaaac	360
actgtgattg	atgtgacttt	atttttaatt	taaacgatga	ggtggccaga	agaaagatgg	420
gtctaaaatt	tctcccatga	aagatgtaaa	actatggctt	ttttaaaatc	aaaatttcat	480
ctttaaaata	atggggtgaa	atctggatng	gatctgaaca	gaataatcac	atttaggatc	540
tatataaatc	tcaactggag	tntaactgaa	ggaaataccn	ngattttaag	aaatatnttc	600
aaaaan						606

<210> 61
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 61

ggtacattct	ggtatgaaaa	catctcaaaa	tgtaacaaca	caagagtttg	ggtcaagacg	60
accacccag	gaggctgtaa	aaactgggtt	gaactagaac	tgtggaatgg	aactagttta	120
aaatatgaag	cagctctaaa	caccaagctt	agagacattt	gccctattag	aaaacaaaaa	180
tcattaaagc	tacaaaataa	caagtgcata	catgctgaac	ctgtttccag	ggagtgcacat	240
tcccttctgc	caacagggtc	caaactcaca	cccacaaggt	gtaactctct	ttctgttcc	300
actagatttc	ctttctctca	tctcaaaggt	cctcagaaat	gacaatggaa	aacgtatgaa	360
ttgttgaaat	ttaccctgtg	gaccaattcc	tgaagagata	acagccacaa	ctctgagatg	420
attaagacat	gcagtgttta	cttgatgact	ttctgnattt	ctagaaaccc	tcaaagcatt	480
aaactgncta	tttcaaaatc	taaacttnct	agcactttta	ttatttggag	taagcnnacc	540
gaagacaatt	tactggccca	caggaataac	cacgcttact	tgtcaccata	agtttacggn	600
atggacattc	actggaaaac					620

<210> 62
 <211> 614

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 62

gccgaggtac	ataaatctgt	gatcccat	ttt	cttattgcac	cattcaggaa	cactttatat	60
aaatgagtgg	ctttttat	catattatta	gtagtatcat	ggttccatta	caggcctatt		120
aacatcatac	attgtcatta	gtccttgaag	aaaaaatatg	taaatatata	tgtgtaacat		180
gagaatttct	ctctaaagca	gggcttaaaa	ttttttggaa	aagtttgaca	aagcatacca		240
catgaattca	gattttacctc	aatgctaaga	attatgttta	gttaggaaaa	aggaaagtca		300
ttttgacctc	aggtagaaaa	atagattgct	ttgagtttta	tgtagcttta	gactttaaaa		360
agttagaatt	tattctgtaa	ctaaaaatta	tttgaaaaaa	ttatgcctct	ggtttaatta		420
ttggtgatta	cacactcttt	ctcttaccct	tgngtattga	actatgtcca	taatcaagtt		480
gatgtggatc	ctgaaaaaatg	gtatgaacat	ctgatgggat	tggcacatta	ttttaaaant		540
agcatctgac	acttcaaaaac	tgtcantgng	atggggttcac	cataccacgg	ntgaccttac		600
attaaatttt	nacn						614

<210> 63
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 63

ggtacatata	agagtaatta	gtttttattct	ctcttttttta	taaaatcggg	tttcagatga	60
gatgtttatc	ttagactatt	ttagggaaaa	attttacatg	tttgagatgg	tggagtaaaa	120
agactgttaa	acattttcttt	taaaaaatta	tttttacatt	acaacaatat	atttatgatg	180
tgttcagatc	aaaaatttaa	cttctgtgtc	ccagatctac	tttcaaagtg	agattttcac	240
ttgtcagctt	aaattttctga	ctagaactaa	catttgtgta	tttttgtgct	tagtcggaat	300
acaaatttca	cagtggattt	ttgaagtttg	tccttaaatt	ggataaaaatc	aagtgattaa	360
agttactaaa	gagataaaaa	tggttaatttc	cattttttaaa	agtaatttgg	ttgtgtttat	420
agttatttgt	acttcgagtc	tcccttcacc	atttcgcgacg	gcacctaacng	ctcaacattt	480
tttggtaccc	cangctttca	cggacttcac	gtcattattg	gctcaacttt	cctcactatc	540
tacttcatcc	gccactaata	tttcctttac	atccaacatc	ctttgacttt	naagccgcgcg	600
ctgatnctgc	attn					616

<210> 64
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

```

<400> 64
ggtacagata tcattncttg tgtatgccat gacttgaaaa agtttgggaa gctctttanc      60
aatatcagct aanaggatat gaaatcacag gtgatagcag ttgtcattca gtaatttcct      120
acaagcagca ccccaaagga aatatagtc taatctttac tatccacttc taaatttaat      180
gtgaatttca tacatgttat tagttgtttc ctttataatt ttataaaaat tattcatcgg      240
gagtttaact tccacttcca tgctatcgga tgtgttgggc tccatgcaag aacttggaag      300
aaaaacaggc aggaatgcat ttgcataatg acccagatca tcattttctg caactgagaa      360
ttatatttca tcattgtctc tagaagtctg caattcttta cttttctttg gtgcattatt      420
atctangtgc ccatcactgg ataatgtgga gtgactagag aagtcatnta tcactggaag      480
gncctgcccn ggcggccggt caaaaggnc antccagcan nctggcggcc gttctaattg      540
gntccaactt ngggncnaan cttggngnan tcatggcnta acnngttccn ggggggaaat      600
gntntcectc ac
                                                    612

```

```

<210> 65
<211> 599
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

```

```

<400> 65
acaagctaca aaatagcatc tctttcatgg tatgtttgag tgtgtaattt tagtttcttt      60
tctggttgta tttgtggtag tcagatgtgt tggattgatt ccaactggac agagtaagga      120
attccagcat cctcttctg cttgtctgtg ttaccccaca gatcaaacc tcaattctag      180
ttggggatgc tgtctagccc cacaccatga ctgaagcctt aagcactgtt gcgcctccat      240
gtgctttggg tcagcaaccc cagtgggtatt ctaccagagc attgtgggaa ggcagatgta      300
tagtcaggtc ccaacagcaa attgttgggt gtgagagttc taaagtatag ggggtgaagg      360
aaagagaang atatgaactc ctctgacctt aaccacattc atttaacttt tatgcctact      420
taacaagaga acctggagaa aactatcgna ttcaagagat taatcaaat cagggtttan      480
ccagccatga ccgaaancnc ctctcctaac ctcatcttgn anggctgnaa naattcann      540
ctaggatggt taanccagaa cccngatga ttaantgtcc aaccttnatt tncatantn      599

```

```

<210> 66
<211> 611
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

```

```

<400> 66
ncatgacctt tagtgaaga ttatttggtc atcaaatacc catatccaag tttccatggg      60
gcctgggaat ttcctttcac ttggatagaa agtatatat aggaaagtcc agttaataag      120
tatttttatt taaaaaaaaa aaaaaaggaa aaaagaatca gcagaagtca agttgtctta      180
agtcttaagg ctttctggat ttcttcttg gaggagggtc ggatcttccc aaggcctggg      240
tcctcgaata ttcttccagt catcaaactt ggagtctttg attttctcat attccgactc      300
taaagatatt ttattctctt tcagtttttt ttcaagctca ggatccattt tactcttcac      360

```

agcatcatat	cggattttgag	aaaactcacg	aagaccaaaa	gaaccttcaa	caatcagcaa	420
caacatgggg	actccataacc	cagagtcttg	gtcttgcgaa	aagcacgcnt	naaccgcggg	480
tgccaacatg	agtgaactct	ttcatcggtt	naaactccaa	cnggcctacg	caaactccca	540
atttacaggt	tangctttta	ccaaacaagt	ncctnggcgg	gacnccttag	gggaattcgc	600
cactgggggg	t					611

<210> 67
 <211> 639
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 67						
nagaattcgn	gcttncnagc	ggtcgnccgg	gcaggtaacac	tttacttaaa	aactattaac	60
agtttttcat	ggtgcactgg	tggtaathtt	gaacttggaa	ttactgggtg	ggaattccag	120
gaaccacaga	gtattgattt	ttgctgccaa	aatgctcttg	aagcagatgt	ccctgtgctc	180
ccctggctgc	ttctggctga	aggggggagg	tgtagactga	agcttgggca	ctcatgtgtg	240
tccccctcca	gtccccatcc	tagtggggcc	agtctcatta	ggcagccata	gataagcctg	300
gaacttggct	gcattagtga	cttgatcctg	gatatgaaatg	catactgggt	ataaagntgc	360
tcaagnatht	tatttccttg	gccacaactt	ccatagatgc	caatggtttg	atagcctcag	420
tttctnaacg	atgtcttttg	gttacagtgc	tcacttantg	ngagtcaaga	aatgcttgag	480
ttaccagaaa	cttcttantic	aggttgagta	acntttttacn	ttcatgngta	nctnnggcgc	540
gaacaccctt	anggggaatt	ccacacactt	ggngggccgta	ctaanggate	caacttgggn	600
ccaacttggg	ggaaaaangg	cnaantgggt	ccttgngaa			639

<210> 68
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 68						
tcgaccggcc	gcccggccng	gnccttcccc	atcactnnac	tggnacnadc	aaaaccntct	60
atgantgngg	gtattaaaaa	ataaaattac	gttcatacna	tggtagaaaa	tgaaatgntt	120
ttattaattt	gattattaat	acaaaaccac	acatatatga	attatataac	ctagtgnat	180
atatttataa	atctttatgc	ttgcaactga	aatgtctcta	ctccaaggga	agtttctgat	240
ttttaatttt	cttattttta	ggaatctatt	atattcacaa	tgattaaaa	gccttacaca	300
taggcnaaaa	gcagacccaa	tcccagcaaa	cagaaaaacc	ntaagtctat	catatcacca	360
tatgtttcac	cntatagttt	tgaaaaataa	tcctatttgc	agtttggnat	gnccttcatat	420
ttatacttat	tatccaagtg	atgcntattg	angncnaag	ctttaagang	gaattttntt	480
cctatngggg	accnaccct	tgaccceaat	tcatacaang	ntttaaccca	aaaaaaaaann	540
aaaaaaaaaat	ggnaangggg	ctcccttnaa	ancccccca	acctntttnt	ttaacnagnc	600
tnagcctttc	a					611

<210> 69

<211> 606
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 69
 accaaagcat taccgcgatg gtagagaaca cactcgatta aaaatgttaa gctatctgaa 60
 aaataaaatg tgcaagtctt caggatggca caaaacaaag gtcaatgctt cttggggcac 120
 atttcttaga gggcttgctg agtgtgtaaa tataatcgac ttttgtttgt gttacatgac 180
 ttctgtgact tcattgaaaa tctgcacaaat tcagtttcag ctctggatta cttcagttga 240
 cctttgtgaa ggtttttatc tgtgtagaat ggggtgtttga cttgttttaa cctattaaat 300
 ttttattttc tttcactctg tattaataag aaaacttact aaaagaaaag aagtttgtgt 360
 tcacattaaa tgggtttggg ttggcttctt ttaatcaggc tttctgaaca ttgagatata 420
 ctgaacttag agctcttcaa tcctaagaat ttcatagaaa gncntnact ttgaacccaa 480
 accanaatac ctgcggccga caccctaagg cgaattccag ccactggcng gccgtactaa 540
 nggatccanc ttggtnccaa cttggggnaa catggcnaac tgggtccggg gaaatggatc 600
 ccncn 606

<210> 70
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 70
 ncgtggncgc ggccgaggtn cttttttttt tttttttttt ttttttttnn aaaangggta 60
 accttaaagg tttantggcc ccccaaangn aacctggggt taatggcttc nnatttttaa 120
 tttttggaaa ttaaaaaaat tacnagtttt aaatagccna tggctggnta tgttttcana 180
 aaacatgatt agactaatc attaatgggg gcttcaagct tttccttatt ggctccanaa 240
 aattcaccn ctttttgncc cttcttaaaa aactggaatg ttggcatgca tttgacttca 300
 cactctgaag caacatcctg acagtcaccc ncatntactt caaggaatat ccgttggaat 360
 acttttcana aagggaatga aagaaaggct tgatcatttt gcaagggccc caccacgtgg 420
 gcgganaaat cacttctaca gggtattacc tgganngtca aagntttctg naaaacanct 480
 tgctctcaac tgggtttacca tttgggtgctg gagctnaca ccggtttaag gcccttggn 540
 anggtccaag ncccaanaaa ctttcccggt ccttccgng gccttnaagg gaatccnccc 600
 tgggggcggt t 611

<210> 71
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)

<223> n = A,T,C or G

<400> 71

nctgggaacn	ccgaaggtgg	aaggccnttt	cataacattt	cttgtggatc	aaaccacagg	60
gacacctttt	ttncatcaa	caggactagc	gtcttgtcag	tcttgggtgac	agtgacattg	120
aangtggggg	cccaccggtg	ctcttgggtac	tttcccaaga	ggctctcatc	ctgagacggg	180
ctctacccat	gtttaaccca	aagagtgcag	gccaggttcc	ttatccttct	gatgaaggat	240
gagagaactc	atttagaagt	cagagcaaac	tagggtctca	gtattgagaa	acgcacctgc	300
canggaatca	cagagacatc	ggggtgcccg	cgatggcctc	atgaaccatg	cctngacggn	360
attcaggaac	cctgcaaacg	tgctttttga	ctcattggnc	agtgtgaatt	ttacacaagg	420
naaacctggg	cnaaggcatt	ngggaattgc	tccaacnnat	acttcctntt	aggaacccaa	480
ggaancaggg	tcncgaattt	tgaaaactgg	gtntgaagtt	ctttcttctt	ttgggnacaa	540
ggccttaaca	aanancctgn	ggnttccaaa	tggncttggc	cccacacc		588

<210> 72

<211> 591

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 72

ggtacaaact	tagaagaaaa	ttggaagata	gaaacaagat	agaaaatgaa	aatattgtca	60
agagtttcag	atagaaaatg	aaaaacaagc	taagacaagt	attggagaag	tatagaagat	120
agaaaaatat	aaagccaaaa	attggataaa	atagcactga	aaaaatgagg	aaattattgg	180
taaccaattt	attttaaaag	cccatcaatt	taatttctgg	tgggtgcagaa	gttagaagg	240
aaagcttgag	aagatgaggg	tgtttacgta	gaccagaacc	aatttagaag	aatacttgaa	300
gctagaaggg	gaagttgggt	aaaaatcaca	tcaaaaagct	actaaaagga	ctgggtgta	360
ttaaaaaaa	ctaaggcaga	aggcttttgg	aagagttaga	agaaatttgg	aggccttaaa	420
tatagtagct	tagtttgaaa	aatgtgaagg	actttcgtaa	cggaagtta	tcaagatcaa	480
gagtaattac	ccacttaatg	gttttgccct	ngacttttgg	gttaagaata	tttttaaatc	540
ctngggctnc	cttaattggc	cgnttgncca	ngggttccnn	aaatgggttc	n	591

<210> 73

<211> 581

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 73

acgcggtgat	ctgtaatttt	tataattcat	caattctgga	atgctatata	taatatttaa	60
aagacttttt	aaatgtgttt	aatttcatca	tcgtaaaaag	ggatcatctc	agagagaaca	120
gcagtattct	gcgtattttt	aaaaatgctc	tagagtaaca	tttgaagtaa	ttcactgtag	180
tgtatgccag	tcctagaaat	aattttttta	atttctgggt	tctgtttcta	atacactaac	240
caagttttca	aaatatattt	acaaagatgc	atctttaccc	attattttta	aatgattaag	300
gaggatagtt	gcttcaggta	acaagcta	ttttcaaata	ttaggccctt	acagaactat	360

ttagtcaaaa	agtaagatat	tccttttaaaa	tatataaccc	aaagctttca	gttaaaccat	420
gatatatcac	aaatactatt	aaaatggtaa	agagaaaatg	caattgcant	taatgatgcc	480
caaatngtaa	aatatngaga	ttcaaaagct	gggnctttat	ttagngggga	tnccaatggn	540
aatgatactg	gcctggnntt	acctttacct	tttaaaaaan	a		581

<210> 74
 <211> 599
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(599)
 <223> n = A,T,C or G

<400> 74						
cgaggtactt	tttccgcaca	tgccttgtgc	ctatctgagt	attgatgcca	tggatgtggc	60
cggagaacag	cagctggatg	tggaaacacaa	cctgtttcaag	caacgactag	ataaagatgg	120
catccccgtg	agctcagagg	ctgagcggca	tgagcttggg	aaagtcgagg	tgacgggtgtt	180
tgaccctgac	tccttggacc	ctgatcgctg	tgagagctgc	tatggtgctg	aggcagaaga	240
tatcaagtgc	tgtaacacct	gtgaagatgt	gcgggaggca	tatcgcccgt	anaagctggg	300
ccttcaagaa	cccagatact	attgagcagt	gccggcgaaag	agggcttcag	ccagaagatg	360
caggaaccag	aagaatgaag	ctgcccangtg	tatggctttc	ttggaaaagtc	aaataagggtg	420
gcccgaact	ttcactttgc	ccttggggaa	gancctttcca	gcantcccat	gtcacntcat	480
tgacttggca	aactttggnc	ttgacaaccn	tnaccatgac	ccactacatc	ancacctgtc	540
atttngggga	ggactttcna	gccttgggaa	accctngac	cccccaatgg	taattggcc	599

<210> 75
 <211> 594
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 75						
acatcaaatt	ataaatgcaa	aacagggttca	gatttcatct	tttgtgattt	cttttaaata	60
ctattcattt	ttattttaa	gcacagtatt	tcccctatat	tttagtcctt	ccatttcctag	120
agacaaacca	gttatttgg	ggtgggaagt	agctgaagca	aagaaggaaa	agtaataacct	180
ttaacctcac	tagcttcaag	agtagacatt	cttactagct	caattttaa	aattgatttt	240
aaataggaag	aaaagaggat	atattttaaga	tacatagaaa	ttatgatgtg	aagtattcat	300
gagaatctgt	agattccatc	aaaataagta	ggaactcatc	taaaattggt	ggattttaaag	360
aggcactttt	ggttatgatt	caaatatggg	gaatttgaga	aatattcatt	ttgnccactg	420
gatggtcact	attttactaa	aanggnagct	ttttatgggg	ggactgngac	tgaggcttta	480
aagactgaaa	gaagttgggg	ggttcatttt	cngtaccacc	ttcnnggacc	atttggacct	540
ttggccggga	acacccttaa	ggnngnaattn	cngnccctgg	gggccgtcta	atgg	594

<210> 76
 <211> 585
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(585)
 <223> n = A,T,C or G

<400> 76

acgcgggggg	cggagtagca	agtggccatg	gggagcctca	goggtctgcg	cctggtagca	60
ggaagctgtt	ttaggttatg	tgaaagagat	gtttcctcat	ctctaaggct	taccagaagc	120
tctgatttga	agagaataaa	tggattttgc	acaaaaccac	aggaaagtcc	cggagctcca	180
tcccgcactt	acaacagagt	gccttttacac	aaacctacgg	attggcagaa	aaagatcctc	240
atatggtcag	gtcgccttcaa	aaaggaagat	gaaatcccag	agactgtctc	gttggagatg	300
cttgatgctg	caaagaacaa	gatgcgagtg	aagatcagct	atctaataat	tgccttgacg	360
gtggtaggat	gcattcttcat	ggttattgag	ggcaagaagg	ctgcccaaga	cacgagactt	420
ttaccaagct	tgaacttana	aaagaaagct	cgtcttgaaa	gangaagcnc	tntgaaggcc	480
aaaacagagt	acanaagttt	ccnngttggc	ttggattttg	aaaattcnng	aattntntat	540
aacgggcttn	tttaaaaagg	atnngnttan	gnacctttnt	taaat		585

<210> 77
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 77

ggtacgcggg	agtcataattt	atgaaaaaag	gtttgtgttt	tactcttgc	agtgagaaag	60
tgggacaaaa	tatacttttg	aaataaaatg	ctatatggca	cctaattatt	ttttctttta	120
aaatgcctta	agttgcagtc	tcattttgat	aatcatttgc	ttccagtgtt	taaaaattaa	180
aaaaagaatg	gggagaaggt	tatgagaaga	gcattattaa	gtttccaaat	ttaatttgaa	240
ttccaaattc	acctagcaat	aaaatcta	ttttaaaaag	tatataaata	taaaatgtat	300
aatgatgga	tagatttttg	tattgatttg	caaaatgcag	attatatttg	ataggctata	360
gtatgtagat	attcctttta	ggaatattac	agctgtaaat	tatatgagac	ttgccagtca	420
aatgctattt	ggtttaaaaa	aattattgca	atctcaagtt	aatggaatat	ttttaaatcc	480
cacattcaga	gttaaaacct	ngttttcaat	gggtttttan	tgtggcactt	gnattatagat	540
taatttttaa	taacctgttn	ggaancnggg	ccttttaact	ggtccttggg	g	591

<210> 78
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 78

actgagaagt	attttccagt	attcgaccca	gaccagattt	caacacatgg	ttcccataca	60
ggaaggactg	ctctgcacca	ggctttatcc	aaactttata	cttggcataa	ggtgcaaggt	120
aatccagagc	tgtgacgtgc	aaccgaaact	tgtgggtttt	agtgaatttt	ccaaagcagg	180
tccccagcga	caccagcttg	tccccgaaa	tattggcggc	cagcttcata	atcttctcac	240
tcacatagta	cc					252

<210> 79

<211> 571
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

<400> 79

gctcgggcaa	gcactttaac	cttttaagcc	caaccagatg	agttgcttgc	agttttggag	60
gccttcagag	catttcacta	gacctctgtc	tgtgtcggtc	cagtgtcttt	agccaagctt	120
tgattaaaga	tgacttcctt	gtttgctcaa	gaaattcgcc	tttctaaaag	acatgaagaa	180
atagtatcac	aaagattaat	gttacttcaa	caaatggaga	ataaattggg	tgatcaacac	240
acagaaaagg	catctcaact	ccaaactggt	gagactgctt	ttaaaaggaa	ccttagtctt	300
ttaaaggata	tagaagcagc	agaaaagtca	ctacagacca	ggattcaccc	acttccacgg	360
cctgaggtgg	tttctcttga	actcgttact	gggcatcagt	agaagaatat	attcccaaatt	420
ngggacaagt	tcttttagga	agacccctta	tccttttgct	ggtgaaaatc	aaaatgaagc	480
nnaaaatccc	ttcaaaatga	ggccaacgan	taactttttt	aaatggcttt	tcaaaaagcc	540
ntgttaatta	ancttnantg	taaaggnttt	t			571

<210> 80
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 80

acctcttcct	gttcgaatgg	gttatccagt	aaaaaagggc	gtgcccattg	caaaggaggg	60
aaatctagaa	ctttttaaaga	ttcccaattt	tctgcatttg	actcctgtag	caattaaaaa	120
gcactgtgaa	gcccttaaag	atTTTTgcac	tgagtggcca	gccgcaactg	acagtgaaga	180
gaaatgtgag	aagcattttc	caattgaaat	tgacagcact	gattatgttt	catcaggacc	240
atctgttcgg	aaccccagag	cacgagtagt	agtctcaaga	gtaaagcttt	ccagtttgaa	300
tttagatgat	cacgcaaaga	agaaattaat	taaacttgta	ggagagcgat	actgcaagac	360
cacagatgtg	cttaccatca	aaacagatag	gtgcccttta	aggaggcaga	attaccatta	420
tgccagtgtg	tctactaaca	gtgttatatc	atgagtcttg	gaatactgaa	gaatgggaaa	480
aaagtttagac	tgaagccgac	ttggagaatn	tatatgggaa	aatactatca	gaaagaaata	540
tctggnaacc	cttttccgat	gaaagtgtctg	anaaaatntg	gaattaataa	gaagn	595

<210> 81
 <211> 601
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

```

<400> 81
acgcggggga aaacaagatg gaggattcgg cctcggcctc gctgtcttct gcagccgcta      60
ctggaaacctc caccctcgact ccagcggccc cgacagcacg gaagcagctg gataaagaac      120
aggttagaaa ggcagtggaac gctctcttga cgcattgcaa gtccaggaaa aacaattatg      180
ggttgctttt gaatgagaat gaaagtttat ttttaatggg ggtattatgg aaaattccaa      240
gtaaagaact gagggtcaga ttgaccttgc ctcatagtat tcgatcagat tcagaagata      300
tctgtttatt tacgaaggat gaaccaaat caactcctga aaagacagaa cagttttata      360
gaaagctttt aaacaagcat ggaattaaaa ccgtttctca gattatctnc cttcaaactc      420
taaagaanga atataaatcc tatgaagccc aacttcgcnc ttctgagcag ttttgaattc      480
tttcttactg atgccagaat tangcngntc ttacccttac tcattgggag acattttctat      540
caaagaaaga aagttcagta tctgtaaacc ntttgtccaa gaatttttca ggagagatca      600
a
601

```

```

<210> 82
<211> 606
<212> DNA
<213> Homo sapiens
<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

```

```

<400> 82
cgagggtactt tgaatatgga gtagttttaca gctatTTTTT tttcttactg gtaatcttaa      60
ctaatatgat tcccttatta gagagcctct cactcccca ccccaaaaaa tgtctactat      120
tcatgacagt aaccaattat tctggacaaa ttgcttcttt ttaatttgag ctatctgcca      180
tggactttct aaaatggaaa cacagcctga gtgtatctta gggagagttt gattgaaaaa      240
atccaaatca ctatccatat agatcatgga tataaagaga tacctgattt ttattaaaaa      300
gatacttttt caaatttaag agttaatctt ggaaatttgg aacaagtaaa ggggcaagta      360
aaccttttga tgaaatataa aaggactcat tgcatgaagt gactatcaaa ttctgngatg      420
tgnggcttct taaaaatatt ctcagggctt tgggggcctg ccanatggta cctgcccggc      480
ggcgcgcaaa agggcgaatt ccncacactg ggggcggtac taggggggtcc caacttggaac      540
ccaacctggn gnaaataang gcataantgg tccnggggga aatggtnncc gttccattnc      600
ccann
606

```

```

<210> 83
<211> 613
<212> DNA
<213> Homo sapiens
<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

```

```

<400> 83
gcgtggtcgg gccgaggtac acgttcgtca tggcggctgg ccctggacct gggtaggggg      60
tccgggttca gtggtaatag cggcggagat gggggagcct ccgcttggct tctttcacac      120
gggttgcttc ggaggaatcc gccgtgcaaa tctgtccgcc cccttggcca ctgatcccc      180
gaagagcttc tgtcgccgct ctaggaatac agacattgaa gtttgggaca agatatttat      240
ctaacttctg tgtcaaaatt agcgacctgc tatggcaatg aagaaagaaa ctgaatttgt      300
cattttcacc tgaagaaaaa tgatagacaa aaatcaaacc tgtggtgtag gacaggattc      360

```

tgtgccctat	atgattttgct	gattcacata	ctcgaagaat	ggttttggtgt	ggaacanttg	420
gaggactatt	tgaattttgc	aaactatctc	ttgnggggtt	tacaccacta	atacttttaa	480
tacttcctta	ctttactatc	tttcttctct	accttactaa	taatttctta	cacattatta	540
agaagaaaga	tgttttgaaa	gaagcctact	ntcataatta	tnggatggtn	caagggaaac	600
anggcactnt	ntg					613

<210> 84
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 84						
ggtactatct	gctgctggca	aatgggggtt	ctctgggtga	cagggatctg	ctgacccaat	60
gctatgggtt	gttccagtc	atgagttgag	aaggctaaag	ccttggttcc	tatcattctt	120
catcactaca	ttggaccaca	cattggcatt	cagggccttg	acaattcgct	ttactcctgt	180
agattctggg	aagtcacat	cctcctcagg	caactcctct	ggactaagtt	ctaccaattc	240
aaagccatgt	ttgaggcacc	attcttgagc	ttttgtcgg	tttataccat	cttcagacac	300
tctatcgag	accaagatca	tcacctcagg	taacctgct	tttgccagt	gaagccatga	360
ggagacacta	tcaaggcccg	atttttgtgt	gctgtcaaag	taaaccacaa	atgcttggac	420
agattctgca	atctctgcag	taaccagaaa	tttggtgggc	acccacata	gattgagtct	480
gctgaaaagt	atttattatc	aatggncenn	ggataaaact	acacattatt	tggaagtact	540
ttcncaataa	gaacttntgg	tccaaggtat	ttttggaccn	aanggnctct	tgaaaaaacg	600
gagga						605

<210> 85
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 85						
acaggggaatg	aagactcgaa	gaggagatgt	cactttcctg	gaagatgttt	taaatgagat	60
tcaattaagg	atgctacaga	acatggcttc	aattaagaca	actaaagaac	tcaagaacct	120
acaagagact	gcagagagg	tcgggctcgc	agcactcatt	attcaggact	tcaaaggttt	180
actcttatct	gactacaagt	tcagctggga	tcgtgttttc	cagagtcgcg	gggacacagg	240
tagagtaaac	tgcanagctg	cctgtctgtg	acttccaagg	ctaggtcata	aaaggagata	300
aagcttcttc	tggtctgggt	ggctgcttgc	tcttgaacct	tcagtctatg	cacgcaacat	360
gcctttccag	ccttctgtgg	ttgtagagt	natagaaagc	aattggatca	ctatngacag	420
cggggtaaaa	cttgaggaag	caacctccgc	caggnggtac	atggagganc	cctgaannaa	480
aggaanaaaa	gggcacangg	gcttaatcct	gtcttgggaat	gcttncctnt	gcaatgggnc	540
atctcaatgg	ccnagccaat	tatgccatcc	ctgcnttaan	accatggggc	ttcnttgnca	600
ttn						603

<210> 86

<211> 583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 86

actgtaggta	tttattaata	atagcaatga	agatgaaaga	gtgatgtatc	agagaggtgg	60
agataaaatc	agtaaaactt	agacactaaa	tgatagggga	aggtggagga	gaggaatgag	120
cctagaaaac	ttagaatata	atggttctaa	aattaaccaa	agtaaggga	acaggcatta	180
gagtaggttt	tgcagagaat	gaatgtttta	agacacacac	aggtgtctct	gggacaacca	240
agaaaagtgc	aacaggcaga	tggattgagg	agtctggcta	aagataagga	tttaggaact	300
gctgaattaa	aattacccaa	gcgtgagaag	tgggtgttg	attaagagag	aaaaaaaaaa	360
tggaggtctg	aggaatacct	ttaanggatt	aatgaanang	cccaaagggtg	gggggggtgg	420
caggagtgc	ccaaatgtag	aagtcaggga	ataaacttta	aagtngggg	gtcaaaatgc	480
naatccgaaa	aaaagtnagt	nccttggccg	gaccccttag	gcgaatccac	ccctggngcc	540
gtctanggat	ccacttgncc	aacttgggaa	nntggctnct	ttt		583

<210> 87
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 87

acgcgggggc	attgctagaa	gccggcagga	gtgactctcg	gcattggagga	cccatctcct	60
agcacacgtg	cccactgaag	tggcaccaac	agaagtgttg	cttgaactaa	aggacatctt	120
atttttttta	cttttagcaca	taatttgtat	atttgaaaat	aatatatatt	attttaccta	180
ttagattctg	atttgatata	caaaggacta	agatatcttc	ttcttgaaga	gacttttcga	240
ttagtcctca	tatatctatc	tactaaaata	gagtgtttac	catgaacagt	gtgttgcttc	300
agactattac	aaagacaact	ggggcaggta	cc			332

<210> 88
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 88

cgaggtacgc	ggggacaacc	agctgactcc	cgtagaggaa	gacactgtgg	aggccagtcc	60
tggagctatt	gcagcctcgg	ttgcccgcc	cgggaccgga	accgaaaaa	gttatcgtca	120
gaatgtcggg	caaagaccga	attgaaatct	ttccctcgcg	aatggcacag	accatcatga	180
aggctcgttt	aaaggagca	cagacaggtc	gaaacctcct	gaagaaaaa	tctgatgcct	240
taactcttcg	atttcgacag	atcctaaaga	agatnataga	gactaaaatg	ttgatgggcc	300
aagtgatgag	agaagctgcc	ttttcactag	ctgaagccaa	gttcacagca	ggtgacttca	360
gcactacagg	tattccaaat	gtcaataaag	ccccagtga	gattcnagcn	aagaaagata	420
tgtacnagtg	gtactttgnc	ngtatttgaa	cattccntga	aggactgcng	gttttnactg	480

cttgggttaa	cccaagtggg	gacnnnttgc	ttaaattaaa	gaggaatttt	gcccaancnt	540
gggacttctg	gnggaattac	ttttttggaa	actttttggn	accttggagn	aa	592

<210> 89
 <211> 630
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 89						
acgcgggggt	ctttgggccc	gcgcgaacca	tggccggcat	ggtggacttc	caggatgagg	60
agcagggtcaa	gtcctttttg	gagaacatgg	aggtggagtg	caactaccac	tgctaccacg	120
agaaggaccc	ggacgggtgc	tatcggctgg	tggactatct	ggaagggatc	cggagaagaatt	180
ttgatgaggc	tgccaaggtg	ttgaagttta	actgtgaaga	gaaccagcac	agtgatagct	240
gctacaaact	gggggcctac	tatgtgactg	gaaaagggtg	tctgacccaa	gacctgaaag	300
ctgccccagg	tgctttttga	tggcgtgtga	gaaacctgga	aagaaatcaa	tagcancatg	360
tcacaacgtt	ggccttcttg	cacatgatgg	acagggtaat	gaagatggcn	acctgacttt	420
ggaaaaggca	aggactacta	ccaaaggcct	gngatggngg	ntatctttca	gtgcttnaaa	480
cctaattgcat	ttttcttcag	ggggcccaag	ctttccaagg	acatggcctt	gcctgtnaat	540
cttcattaaa	gccttgacct	ggtcatatct	ggccttgcca	tgcaatccat	ttacttggcc	600
ggacacctan	gggaatcacc	actggggcgt				630

<210> 90
 <211> 653
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 90						
ggtaccactt	cactccagcc	tggcgacaga	gtggaactcc	gtctcaaaaa	ataaaaataaa	60
ataaaaataaa	gcaaaaatat	aaaatgttaa	aaaaaaaaca	aaaaaaggga	aaaaggaagc	120
tgattgcctt	ggtgagtcaa	cactgggtat	tttctgacca	ctatttgaaa	caaaaaagga	180
aaccactgat	attctatgca	aagatctgtt	cctggaaggc	actctgcgga	gacaccagga	240
gaacttttat	caatccttca	ttgatttgaa	gtaaaagtgc	taaagcaatg	gttggtgggt	300
ggcaacccat	tagcagatca	caaaatcact	gtagtgggta	actaaacaag	aggaaacaca	360
agacggcatc	ctgtgttaact	gggggttaagc	attactctct	gaaactcatg	gcacacagttt	420
cctcttaggc	tcttcccaca	aagtataatc	atgttcattt	cagttttaca	tcccttgcag	480
tcccatcgat	ttgtgagaat	atcccaagtc	atncacagng	gagncctggaa	atggtcntan	540
ttgtcctgcc	cggcngccgt	tcnaanggcg	aattcaacac	actggcngcc	gttctaattgg	600
atccaactcg	naccaacctg	gnggaacatg	gctactggtt	ctggngnaaa	tgn	653

<210> 91
 <211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

<400> 91

actttttttt	ttttttttt	ttttttttt	ggagaaaagc	ctnactccgt	tgcccacgtt	60
ggagtgcagt	ggcgtggnc	tagcttattg	catgcagcct	naacctcca	ggctnaagca	120
atnctccnac	ctnnncgtgc	tgnnttnntg	gaactacnca	tncacncnat	tatgcccanc	180
tngtngttgt	naatttaaag	tganaccatg	cncncagggn	gnatggcntt	nnntancnan	240
catgcatgct	cagctgtgta	gtgcacgcac	aggataaatg	gaagggggat	ttgatcaggg	300
tttttgtcac	atnagcattn	naaatccgna	ngactgcctt	gtgtctgcct	ttgnaagggc	360
ctgggagtat	tctgtgtagc	ctttgnaaat	aagggnaaaa	tngncncctg	ccaaagaagt	420
cnttgctact	ntgggtgngt	caaaatntcc	ctgtaacttg	tcaatggnc	caagcttggn	480
ggngtntttg	ggntcttggn	tgtcnttttn	acgtctattg	nccatgtggt	tcctatatga	540
cacantcctc	ntnataatcc	ntganaattg	ctaanttgc	cttttttttt	ttttnanatt	600
nattttgctn	ttaaantagc	ttaanncttt	ntttatcctn	gggcancnca	anncaat	657

<210> 92
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 92

accataaaaac	cattaaaagc	aataaataac	tagagtcatg	tgagatgttt	caaagactgc	60
tggagggtttc	tgtaaaccag	ggtaatcaga	aatattaccc	ttgtagatag	ccctctcata	120
ccagtaaata	caaagagtta	aaattccaat	gccacagtgt	aacagttaac	aatctatttt	180
gtaatttttaa	atattactac	attaattcac	cctgagaata	cagaggaaac	atttaataca	240
agacattctg	atatgntttt	ttttcccat	gnatttgctt	tcttctggnt	ttcatcagcc	300
ctttaagggc	acagatattt	taatttaaag	ggtgatttgg	atatgctttt	ttggtaactg	360
agattttatgc	cacagtcaga	tactggtgat	agaaaagccc	aaaaaggntt	gnagaaaaga	420
ggcaagcagc	aatccccagg	cagaaaagac	ngaaagtctt	gaaaaagaag	aggagtaaaa	480
attttttttaa	gctgntcaat	gccctgtatt	tgggnacaag	tacctttatt	ttccttttagc	540
tganggnant	cagagtaacc	gaattggnag	nnnactattt	tcnctggnaa	ggaaaataga	600
atttggnaat	cccnggaang	gtncnngaaa	tnnagcccca	tccatttggn	gng	653

<210> 93
 <211> 640
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

<400> 93

acagagaaac	cacaggttgc	cctttccaca	gctggataga	cttatccaaa	acggcaggat	60
ggttctgtat	taatcttttt	ggaaagcatg	tctgtattaa	gattgcaaaa	catacagata	120
gctaccacaa	attaggtcaa	acgactgac	aagttgtaac	atctgtgagg	tcaaattcca	180
aagtgcctag	atacacattt	atacaacaga	ccataagagc	tgaattcttt	acaaatgtct	240
ttatgggcat	gtaaaattga	ctctgcattt	ctgcatgtgt	gcattccata	agagagacca	300
gtctgcaactg	agtcataatat	actccaactt	gaaaaagtaa	gtgnaacaac	tggntaatca	360
tgcaagtctg	gttgnaatat	aacaatgact	ggnaaaacat	gaattcttcg	cacagtagta	420
ataggngcac	tnatttataaa	ccctnccgaa	aaacctgnat	ttggtgcaan	atctganttt	480
aagnggtagt	aacttgacnt	ttaaaaatag	tttgaacnat	ttanaaagg	aagccaactt	540
ttacttataaa	gaatcccaag	tggnaaaanc	tggntttcaa	tggaatgaac	tnggtgngac	600
ctnccetaat	nngacettga	gcctatnagc	taatntangg			640

<210> 94
 <211> 658
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 94

acgcgggcca	agcttttttt	ttaatttggt	gtttttctcc	atcctttccc	tttaaccctc	60
agtatcaagc	acaaaaattg	atggactgat	aaaagaacta	tcttagaact	cagaagaaga	120
aagaatcaaa	ttcataggat	aagtcaatac	cttaatggtg	gtagagcctt	tacctgtagc	180
ttgaaagggg	aaagattgga	ggtaagagag	aaaatgaaag	aacacctctg	ggtccttctg	240
tccagttttc	aagcactagt	cttactcagc	tatccattat	agttttgccc	ttaagaaagt	300
catgattaac	ttatgaaaaa	attatttggt	gacaggaatg	tgataccttc	cttggntttt	360
ttttgcaanc	ctcaaatcct	aacttcctgc	cccacaatgg	tgagcagggt	cccctgatac	420
ttcttttctt	taatgattta	actatnaact	tgnataaata	acttataggg	gatagggaaa	480
attcctgaat	tccagaatgc	catctgntaa	aaaagaatnn	aaatgggaag	tnggactnaa	540
aaggagccaa	cagcatgctg	cggtggnnng	cacttctttg	cnctatccca	ggaaggaagg	600
tccccatttg	gaaagggggt	cttntctact	ggnaaccggt	tgacntnatt	ggnacncc	658

<210> 95
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 95

actcagactt	gatcgattaa	tgaagtgggt	atthttggcct	ttgcttgata	ttatcaactc	60
actggtaaca	acagtattca	tgctcatcgt	atctgtggtg	gcactgatac	cagaaaccac	120
aacattgaca	gttggtggag	gggtgtttgc	acttgtgaca	gcagtatgct	gtcttgccga	180
cggggccctt	atttaccgga	agcttctgtt	caatcccagc	ggtccttacc	agaaaaagcc	240
tgtgcatgaa	aaaaaaagaa	gttttgtaat	tttatattac	ttnttaagtt	tgatactaag	300
tattaaacat	atttctgnat	tcttccaaaa	aaaanaaant	aatnaantta	naanccttta	360
aanatanaaa	taaaataata	angaccattg	ag			392

<210> 96
 <211> 655
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(655)
 <223> n = A,T,C or G

<400> 96
 ggtacagggtt tttatgtgaa catacatttt catttttctgg gataaatgct caaaagggca 60
 actgttgggt tgtatggtaa acacatatat ttttgtaaga aactacccta ctctttttcc 120
 agagtggctc tactttttac atacagccac tcatacaatt cagacagcaa tgtatgattg 180
 atccagtttc ttcacatcct caccagcatt tgggtattact actatttttt atcttaacca 240
 ttcacataga tgtgtgtaat gataccacat gtgggttttaa tttgcatttc caatgggctaa 300
 tgatgttgag tatctttttg tgtgctaatt tgccatctat gtatcctctt cgggtgaaatg 360
 tcttcagtgc ttttgnctat tttctattta agncatttgg tctttttact attgagtttg 420
 agaggggttt tatatacct agataaaaat cctctgggtan anatgtgggt gcctggaatt 480
 ttaacataac ttctacccan ggaaaataag taaaatttcc acccttgctg gcnagcctta 540
 cttaatnccg gccttaangg tccttctaga gaattaagaa gatttgagggt ttaaatanaa 600
 tcagggcgtt aaaaagtaat cctaaaatcn ggtttaagca agccatatcc tggggg 655

<210> 97
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 97
 acaagtttaa ggtaggacgc agcattttat agtggtacgt ccttcctccc cacattcctg 60
 tgaggcggaa caagaacaat tacttgaccc tggaggaaga cgacgccttg tggtcaggga 120
 gagaacagca gttcatgctg gctgcctcgt ctttcaggc ctgctgctgc ccaggccttct 180
 actgaccttg ttaggtctga ttctagaaaa tgaaggcagg tacc 224

<210> 98
 <211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 98
 ggtaccacca tgcttggttt attgttttat ttttttggca gagatgggtc tcaactgtgtt 60
 gccaggtctg atctcaaact cctggcctca agcgatcctc ccactctcagc ctcccaaagt 120
 gctgggatta cagacctgag ccaccacacc tgggcaacag agtgaaacct gtccctgttt 180
 tcctgctctt actctcacct ctgaggcctc ctctgcctgg aagagattac agggaaattc 240
 caggcagccc ttgtcaattg tttttatgaa ttctttacct gttcctttta aagacaagga 300
 aactgaggcc caaagttcta agttgtttgg caaatggagt ctcctaccct cagctcctgc 360
 aaggacctgg gggaccccc a ggtccagcag ccacatgatt ctgcacagac agggacctag 420

agcacatctg	gatttaagcc	caccctggca	actggctgct	agagactncc	aagatgccga	480
taataggatc	tgccnttaaa	aaatctggat	tctggcctgc	ntaantgcta	cttcatttgg	540
ctacaaagnt	ttaaggnnga	accnttaaaa	ccttcccca	aa		582

<210> 99
 <211> 619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 99						
ggtacagtgg	tccttttcag	agttggactt	ctagactcac	ctgttctcac	tccctgtttt	60
aattcaaccc	agccatgcaa	tgccaaataa	tagaattgct	ccctaccagc	tgaacaggga	120
ggagtctgtg	cagtttctga	cacttgttgt	tgaacatggc	taaatacaat	gggtatcgct	180
gagactaagt	tgtagaaatt	aacaaatgtg	ctgcttggtt	aaaatggcta	cactcatctg	240
actcattctt	tattctatct	tagttgggtt	gtatcttgcc	taaggtgctg	agtccaactc	300
ttggtattac	cctcctaata	gtcatactag	tagtcatact	ccctgggtgta	gtgtattctc	360
taaaagcttt	aaatgtctgc	atgcagccag	ccatcaaata	gtgaatggtc	tctcttttggc	420
tggaattaca	aaactcagag	aaaatgtgcc	catcangaga	acatcataac	ccatggaagg	480
atnaaagccc	caaatggngg	naactgataa	tagccctaata	ggctttaaga	atgtgggcac	540
actnttacct	aggngaaccc	atntganccn	anggggctta	aaggcttntt	acttcaactg	600
aaagttnagg	gaaaaaaan					619

<210> 100
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 100						
acgcggggga	agcaaaggag	agggaagctg	gaagcacctt	tggcccggga	cagaaatctg	60
gagagcttgg	ctacctccat	cctcctcagg	ccggagcagg	cttcctgaga	gagtcacagg	120
cgtaggagtt	ttacgactta	gaaaagcggg	ctgcagattc	cttcctgggt	gtttgggttca	180
agccctggct	ccagcctcac	tctcagtctt	cccgaggagt	cgtgggattt	ggaccttaga	240
ttattagtag	tattttgagg	gcctcctgtg	tgtaaagcact	ggttgtgctg	agatggctgt	300
gcagagggcc	atgaggtaga	ggctggggaa	atgagggctt	ggaggtgctt	gaggtatggg	360
ctttacctac	gtgaaatgtt	ggaggttgag	atgaaaactc	ttgctttgaa	atcttcatgg	420
aggactacat	catttcaatc	ctgaatctgg	ctcaattcta	ttaatcactt	aataacctgga	480
ttaaaaaacg	nttaantggg	ccaggcncaa	tgggtcacgc	ctgnaatccc	agccttttgg	540
gaggccaagg	cangccggat	acnttagggc	ngnanttnaa	accancttgg	caaattggga	600
aaccgcntt	tntn					614

<210> 101
 <211> 625
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 101

ggtactttgc	ctacggcagc	aacctgctga	cagagaggat	ccacctccga	aacccctcgg	60
cggcgttctt	ctgtgtggcc	cgctgcagg	caagaagggg	ttaaagtgg	aatgtatgtt	120
gtaatagaag	ttaaagtgtg	gactcaagaa	ggaaaagaaa	taacctgtcg	aagttatctg	180
atgacaaatt	acgaaagtgc	tcccnatcc	ccacagtata	aaaagattat	ttgcatgggt	240
gcaaaagaaa	atggtttgcc	gntggagtat	caagagaagt	taaaagcaat	agaaccacaa	300
gactatacag	gaaaggtctc	agaagaaatt	gaaagacatc	atcaaaaagg	ggnaaacaca	360
aactctttag	aaccatanen	gaatatatct	taagggtatt	cctatgtgcc	taatataata	420
tatttttaac	acttgagaac	cagggatttt	gggggattct	ccaacgtttg	ttcaatttta	480
agaantgggt	tgaaggagtt	ttttacttgg	gtnattcntg	gttttaggat	tttnnanngn	540
aanntggntt	ngngttnn	nnttttaann	gggntntttt	ngggtcttna	aatttttcca	600
anaaanngtn	gnttccttcc	cggnn				625

<210> 102

<211> 605

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(605)

<223> n = A,T,C or G

<400> 102

ggtacaagaa	agaaaaaata	taaaaacaag	tctgctgagt	gtcgggagtt	ggtgagggat	60
atcctaccat	attgtgacgg	agtccaaata	gaaaacatgc	agcaacagtt	ctcctgcttt	120
atcagctccc	tggaaaataa	accagtaacc	ctggtagtgc	agtaaccatt	tggttaacag	180
gacaaacttc	ctgatggaca	cagatagtaa	ttcactgcat	ttcccttctc	taacttctct	240
cttcacacca	attccttttc	tttcctttta	gatgggtttc	atcctgttga	caaaagattt	300
ggtttttatt	gtaaagtaaa	gcagataata	tcttgattga	agtattcaat	gattttaattg	360
aggatgcttg	gggatcaaac	tttgtaaaaa	ggtcaattaa	gctagtttag	agagactatc	420
agtggcttgc	agaaaaaaaa	ntcngatata	tggtttggtg	aaangcccaa	aggataaccg	480
ngaaaaatcc	tanggatacc	gggaccta	taatcaaagc	canaggggga	ccttggttaa	540
ancnttact	tngggggang	gctnaanggn	ggntccaaac	naaattgggt	cccaacgggc	600
ccggg						605

<210> 103

<211> 251

<212> DNA

<213> Homo sapiens

<400> 103

acgcgggatt	ttacattcca	tcttttctga	agattgtcct	acaatttgga	ttttgatcat	60
gacaaagaag	attaaaattt	cattagcatg	aatgcaattt	gttaaagcag	actgatttgt	120
ttctaagata	tttttggttt	ttttaaaact	gataataatg	ctgaattatc	ttaaagtaga	180
tgttaagccc	actttgttct	tttaattgta	tggagcttat	gggtagaaga	ccatgtctac	240

<210> 104
 <211> 293
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 104

ttaatcttgc	acaaatggca	ttttattaaa	gaaaatctaa	tttaciaaagc	tttgtaaatt	60
ttaagaaaaa	cattcataga	tcataaacia	aaatttcaat	atgcaatatt	caaatttaca	120
agaaaataag	cacaaacttt	tagacagtgc	agttattgct	gcactccttt	aattccttat	180
ccagagccca	aaaaatgtag	acaaacccta	aaaatgtagc	agaagcattt	ccgcacactg	240
gtgtccagaa	tctagtttgt	gcanaaatgt	ttccactaga	tttatagagt	acc	293

<210> 105
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 105

acatcatttc	tgccatgtgg	gacattttct	tgggaatata	caagtaatac	tccatgtagc	60
ctgacaggtc	ctcaatgggc	acatcatcca	cgaagactcg	agcttgctca	gaacaggatc	120
ggggagagcc	agacagagtt	ctggcgtgca	gcgactgaga	gtagtcccca	agtgtggatc	180
ttcgtttctg	agccaaggga	gggacactct	gcgggcctga	aaaggaatac	acttccatat	240
catgccatct	cttacactgg	cattccttgc	ctatgcatgt	gcattggctt	ccctggttta	300
gcttggaaac	tgattgaaag	tcagagagat	cactggcctt	gagacttgct	tgggggactt	360
gggtagccgt	cagaggagtc	ttccttctta	ctctctgatg	ggagccttgg	aacagaaagt	420
tctcaaangc	tnaacgactg	gccttggggt	gaatagcatc	gagagaagta	naccttcttc	480
ctgnactgaa	ctnttaagg	gatgaaattc	ccagccaatg	gtggccttan	gnnangcaan	540
ntggcctttg	gcttgaatta	ctggntggaa	aaaacctttg	gccntt		586

<210> 106
 <211> 644
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 106

ggtacnttga	ttgctcanat	ataangaaat	ggcccaatga	acgtggntgn	gggaggggaa	60
------------	------------	------------	------------	------------	------------	----

anangaaaca	gagctagnca	tatgtgaatt	gntctgtgnn	ataaacatgt	taaaacanac	120
aaanatggnt	atthttcttt	ncctccggac	agtgcacatt	atcatntgaa	ctacctgggg	180
attctntatc	anaactgggtc	ttgttgaata	tttatactta	attgaaataa	ttccttanng	240
gaggcntgtt	taaaacgtat	taacaggana	ttgtgtntna	nacatttaat	gaaanacgaa	300
attccacnag	aatganntaa	gtcactttcc	aagtgggtgt	cattttgtta	aaccctngtt	360
tacctgtttt	gctattntta	ccntttcatt	tgggaangtg	ntttgagntc	gtanttacca	420
gggnaaagac	gggttncttc	ctngetgnnn	cttnagccnn	tgctaaaaag	cnttaatttt	480
ntgcnattng	gnncttcctg	ctggtaaten	tggaaaaant	gggnnaantc	cagctttntt	540
tnttggcngc	ccaaaaangg	attcnnantn	gnnannnaac	ctttgggtcc	ntaannaana	600
aaangtatnc	anaangaacc	ttgncatgcc	ngccnntnta	aang		644

<210> 107
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

<400> 107

ggtacagact	tgccctttga	aatctatacc	tctggataca	ttagaggcat	tttattaaca	60
aaggcccttc	taaatgtgct	atthatttga	caataactat	cagatttgcc	ttaattttgt	120
gtttatagca	tttatcaaaa	cgtatcctca	tagactttat	gcagattaat	atggtcaatt	180
gatttggata	aaagaaagta	atthcagggt	ttgtttttta	gccaggacaa	gaagtgc aaa	240
tgctctttg	aagcaattta	ggctaaactg	atthtgaaat	ttcaaaatgt	tttattttac	300
tttgttttat	taagccagga	caagaagtgc	aaatgccctc	ttttgaagca	attcaggcta	360
ggtaaaccgc	atthtggtcca	tttcaaaaacc	gtttaattta	ctttgggtta	atatcagagt	420
cttataaaac	tgntgncaaa	aatthctgaa	ggctttngaa	aagggttggt	agtggaccct	480
gcccggggcg	ccgntcnaag	gcgaattcag	ccactggcgg	ncgtactagg	gatnccactc	540
ggacccanct	tggcggaatc	atgggcataa	ctggttcctg	ngtgaaatgg	gatccgttac	600
aattcccaca	acatanng					618

<210> 108
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 108

ggtaccaaag	gagaatttgg	agagctggct	aaattatttg	aagaaagaat	tgccaacagt	60
ggtgttcaga	gcctcaacaa	aaccaaagga	taaaggggaag	ataaccaagc	gtgtgaaggc	120
aaagaagaat	gctgctccat	tcagaagtga	agtctgcttt	gggaaagagg	gcctttggaa	180
acttcttggg	ggttttcagg	aaacttgcag	caaagccatt	cgggttgagg	taattgggtt	240
cccaaagtgt	gggaaaagca	gcattatcaa	tagcttaaaa	caagaacaga	tgtgtaatgt	300
tgggtgatcc	atggggctta	caaggagcat	gcaagttgtc	ccctttggac	aaacagatca	360
caatcataga	tagccccgac	cttcacatgaa	tctncaacta	attccttctt	tgngccttgn	420
ttttgcnaag	ttcanccaag	gttttgaagt	antaaaancc	gatggaagct	tgccantgcc	480

atcctttcca	agcttgatgc	ttgacaggtg	gtancttgnc	cgggccggcc	gttcnaaagg	540
gcgaattcaa	cacactggcn	gccgtactat	ggatccgagc	ttggncctaaa	cttgcgtaat	600
catggcatnc	tggttcctgg					620

<210> 109
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

tttgtatttt	tagtagaggc	agtgtttcac	cgtgttagcc	aggatgggtct	cgatctcctg	60
acctcgtgat	ccacccacct	cgacctccca	aagtgtctggg	attacaggcg	tgagccacca	120
cgcccggcct	cttttttttt	tagctgccaa	tctttttgaa	ggaatattct	tacctctact	180
ttgtcacctt	ctactggctc	cttaactaaa	atctgccatt	tggtctctctg	gttaacagtc	240
ccttcctgta	aagtctaaaa	tcttaattct	aaatccacag	tttaattcac	aagctagtac	300
cttggccgng	accacgc					317

<210> 110
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

ggtacattca	ggatccctcg	gccaaaggact	ggaccagaag	aacacttggg	aatcttgggt	60
ccacttatca	aaggtgaagt	tggtgatata	ctgactgtgg	tattcaagaa	taatgccagc	120
cgcccctact	ctgtgcatgc	tcatggagtg	ctagaatcta	ctactgtctg	gccactggct	180
gctgagcctg	gtgaggtggg	cacttatcag	tggaaacatcc	cagagaggtc	tggccctggg	240
cccaatgact	ctgcttgtgt	ttcctggatc	tattattctg	cagtggatcc	catcaaggac	300
atgtatagt	gcctgggtggg	gcccttggct	atctgccaaa	agggcatcct	ggaaccccat	360
ggaagaccga	gtgacctgga	tcnggaattt	gcattgggtgg	tcctgaattt	tgatgaaaat	420
aancctggna	tttgggaagg	aatgtgcaac	catgggtcca	agaatccagc	cnnattaacc	480
taccggatga	acctttnttg	gaaaccataa	aatgcctgca	atcaatggga	actttttcca	540
accttanggg	cttaccatga	ccttgcccgg	ccggccnttt	aaanggccaa	ttccaccccc	600
tgg						603

<210> 111
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)

<223> n = A,T,C or G

<400> 111

acattttaagt	tcccatgtta	cagaatccca	tattgtgact	atttcctcaa	aactaactgc	60
tagtaaagaa	ccatcttcgg	agaaacaaca	gttagttgct	tgatacttgt	gataactacc	120
aacaaagtca	caggtccagc	caacagcttt	tttgtatatg	tcagagtcac	ctgttaatat	180
ccatactttg	aagtaaccat	ctttgctagc	tgtaaccaag	gtgggctggt	cagatttttc	240
tgcattacag	aaacagagag	ctgtaatgca	gtcttcgtgt	ggcatgttaa	ttttagtgtt	300
aagaataaac	ccttggtgtt	tcttattata	catccacagt	ttcatttgca	attcaagctc	360
aagtttcctt	ttcttgccgc	tgggtccactg	gtgcaagcca	gttaccaaag	cagccaatgc	420
aagccttggt	aagtcaattt	ggatcaganc	ataatcanta	atatatcctg	ctggataata	480
ctaaattgga	tactggntat	cactntggag	agaataaact	gcaggtggcn	ggntttcatt	540
caaaccaagc	tttagtcttg	gacaatcatn	aaccagnгаа	atactcctat	ntttt	595

<210> 112

<211> 523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(523)

<223> n = A,T,C or G

<400> 112

acaagagcta	ttagagatgc	tgccatatgg	atggggcaaaa	ctgagccaat	cccacttagg	60
aatggaaggc	ttggacatgg	aagggaggat	ataaacgagg	agttggagaa	aaacgcaagc	120
ccagtttttg	ctagagtggg	aatgaaagtg	ggaatgaggg	tcttgttttt	agtcctctaa	180
ggaccaggaa	gcaattttta	aacttccttg	gtttttctga	aagcagcata	ttcaaaatgc	240
cagcaaaaac	tcctaacaac	tgcaaaaacca	aaagaggatc	aaagctcacc	aacatccctt	300
cttattgctg	aaaggctcta	aaattcagga	tgccctgttc	ccttgtaaaa	gggaaaataa	360
ttaaagtctg	atttatggta	atcataccac	atcacacttc	taaaaaaata	tttcaagtgt	420
gtgaccaggg	gaccgtttga	ccnccatttt	attaaccttc	actttantgg	gaaaaataaa	480
accttttcca	gggccatttn	atnccaggac	tttttagtagg	ggg		523

<210> 113

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 113

acagtgtaaa	taactaagtt	gttaactgtc	aagtcagtt	atgtattctg	taagttgtgt	60
tctagtcttt	gactaaaatt	tatcatctct	tataatggga	cttaatcttt	ctctaaaagc	120
atataagagc	ttgtcaatag	agcaatcaat	caaaaagatt	ttgtgattca	taacattgaa	180
gttagtctgg	ttaagagttt	tggtttagac	ttcatttata	ttttccttac	taatatactaa	240
tattttaatga	ataatgatca	attttttata	aagttattaa	tatgatcagg	gaaacctttg	300
ggacttctga	caggcatctg	gtgaagagac	aattcaagcc	ttagtgacta	tttagaatag	360
ccagtgatca	ctagctaatt	ctcatatcca	tgcctttttt	gccctgggta	cagtcttaaa	420

agaggtaaaa	cagcaaatat	tttttttaag	ggaactataa	ccctangaat	tcctgaaaag	480
aattttcaaaa	aaaataagac	cctgtggcca	tggngnccaa	acntaagacc	tactatggct	540
atattggtcc	attaaaaata	aattactact	aatccaaa			578

<210> 114
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 114						
acggtagtaa	gaaacctttg	agatctttct	gacttttcaa	aattagagaa	agcaaattggg	60
atggatagat	tttttttttc	ttttcaaggg	gggcaggaag	gtaatggttt	gagtagcctt	120
tgtttaaaaa	aaaactaaat	atatttataa	ggccacattt	atattttttt	cacaagaacc	180
acataataaa	ttccacttct	tgacctgaat	ttggaaatcc	gaaattacta	atccaggcca	240
ggtgtggtgg	ctcatgcctg	taatcccagc	actttgagag	gccgaggtgg	gcagatcact	300
tgaggcctgg	agttcaagac	caccttggcg	aacacgggtg	aaccccgtct	ctacgaaaaa	360
aaaaanatat	aaaaaaagta	ctggttatta	accaaccagc	ttagaaaaat	aatcatggtn	420
gacacnttan	ttcattcttc	taaaagcctg	ttgatctggg	ccttcctgtt	gccagcattt	480
cccccttttc	aaaaatgggg	ggccttttct	ttaattnnac	ctcgtggngn	aananaattt	540
gaagggcccc	aggaagtntt	ttgggcnctt	tgaagcgttt	tncacncgtn	tagattctnt	600
gattaaatcc	tcc					613

<210> 115
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 115						
ggtacattgc	cactgagtaa	agagtggcac	cagccacggg	ggtaggtgga	agaaacatag	60
atcccaatga	ggacacaaag	acgagaccca	ggcccactcc	caggggtgca	cccatgttca	120
gaaacttttc	actgggcgca	cacatggcca	cagtggagag	gcctcccaca	atgccagctg	180
tgtacttttt						190

<210> 116
 <211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 116						
ggtactcttg	gtttatcaat	gggacgttcc	agcaatccac	acaagagctc	tttatcccca	60
acatcactgt	gaataatagc	ggatcctata	tgtgccaaagc	ccataactca	gccactggcc	120
tcaataggac	cacagtcacg	atgatcacag	tctctggaag	tgctcctgtc	ctctcagctg	180
tggccaccgt	cggcatcacg	attggagtgc	tggccagggt	ggctctgata	tagcagccct	240

ggtgtatttt	cgatatttca	ggaagactgg	cagattggac	cagaccctga	attcttctag	300
ctcctncaat	cccattttat	cccatggaac	cactaaaaac	aaggtctgct	ctgctcctga	360
gccctatatg	ctggagatgg	acaactcaat	gaaaatttaa	agggaaaacc	cttangcctg	420
aaggtgtgtg	ccacttcaga	gactttacct	taacttgaga	cngntcaaac	ttgcaaacca	480
tggngnggaa	atttgccgaa	ctttacactt	tgggcagggt	ttttcccaga	agtcanacaa	540
agaactcctn	ntcttganaa	gggtttttanc	ccctttnaat	ggccttgctt	atgctgcctt	600
tttcgtttgg						610

<210> 117
 <211> 608
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 117

ggtacgcggg	gggtattatt	tgtgcccaacc	aatgatgctt	ttaaggggaat	gactagtga	60
gaaaaagaaa	ttctgatacg	ggacaaaaat	gctcttcaaa	acatcattct	ttatcacctg	120
acaccaggag	ttttcattgg	aaaaggattt	gaacctgggtg	ttactaacat	tttaaagacc	180
acacaaggaa	gcaaaatctt	tctgaaagaa	gtaaatgata	cacttctggt	gaatgaattg	240
aaatcaaaag	aatctgacat	catgacaaca	aatgggtgtaa	ttcatgttgt	agataaactc	300
ctctatccag	cagacacacc	tgttggaat	gatcaactgc	tggaaatact	taataaatta	360
atcaaatcat	ccaaattaag	tttgttcgtg	gtagcacctt	caaagaaaat	ccccgtgact	420
gctatagacc	cacactaacc	aaaggtcaaa	attgaaaggt	gacctgaatt	cagactggat	480
taaagaaagg	tgaaaccatt	actgaaagtg	gatncatggg	gaagccattt	tttaaaaaat	540
nccccaaanc	attgatggga	attccttnng	gaaatacttg	aaaggaaccn	nnnnagacca	600
atcnttcc						608

<210> 118
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 118

actccactta	gcaaatgccc	tgccagcaaa	gtcacagatg	actttttttac	ccaatcttag	60
gtaaattctgg	attatctgcc	caaccgtgca	agtcaataag	ccacccttga	aaactgtgtc	120
aagattttgag	gaaacaggtc	ttaagaacct	atccaacaca	tgattccata	accaatacat	180
cttangttgt	tttaggcaaa	taggtgtatc	tcttgaatca	ctgatggatt	caatatcaag	240
atctataatt	ttcacgttta	aaatttactc	tgccgaggac	attttattgg	ttaaagcataa	300
accagttagt	ttgacagaca	cnaaaaagaa	aacnaaatgt	tcacagtcct	atcttcgtag	360
ggattcttgg	ctataaaaaat	tggcttcagg	ttcaagggtct	tagaccactc	ttctaaggct	420
nctactggat	atantantta	ccacttgggg	nccaaactta	aaacctcntg	gactttttcc	480
ccttanggac	nangaaaaac	caaggggttg	tggtttgaac	tccttacact	tggngnnaaa	540
ncttttcttg	gnngnatnta	aanattaagg	ggcttttn			578

<210> 119
 <211> 584
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

<400> 119
 actgtcttag aatattatatt atttttttgt atttgtaaat ctgtggacaa aagaggggttt 60
 cctcactcct tttactcact gggctcatga cagtgaagga gatgctccat ctgcttctcc 120
 ccctttctct tgctgtagtc caatgtgcta tgagcatcag cttactttgc cacttagagc 180
 aagcaaaacc cagtgaaga gtctcgttca gctctaaata gggttgcttt ctttttagtta 240
 cagtgcccat tttgaaattg cctatacagt cttagtgacc atttaaaccg gacgaactan 300
 gcgtttaatt ttcacttctt catgtttnaat tngcagttca anatttatag naagatggnt 360
 atttcgaaaa nacaaaaaan tggnttttta anaaaaanaag tncnttggtc ggcgaancan 420
 gcntaagggg cgaatttcca gcncaactgg gcnggcccggt nncntagnng atccccaacc 480
 tttggtaccc angcttnggc nntaancaat tggncanag nttgtttccc tgggggtgaaa 540
 antngtnatc ccgttcccaa ttcccnaca nennaccnng cccg 584

<210> 120
 <211> 587
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 120
 acgcgggggc cgtagcagcc gccgcccac cctctttgtg tgctttggaa agccgcggag 60
 ctggtggtgg ctacagttgg tggtgggggc ttaggcgagg gacgttaccg ggaagtgtga 120
 ggcgaggagg ctcttcccca tccagtcacc tgacaggtca caaacatgtc agacaaaagt 180
 gaattaaagg ctgagttgga acgtaagaag cagcgactgg cccaaatcag agaggaaaag 240
 aagagaaaag aagangaagg gaaaaaaaaa gaaacagacc anaataagga agctgttgct 300
 cctgtgcaag aagaatcaga tctttgaaaa aaaaaggaga gaagctnaaa gcatttgctt 360
 caaagcatgg ggctaacttc agaaatcccc ccattggnc ttcctnctaa tncctncatn 420
 ccttcaaaat ctgtggagcc ctttccaagg tgaaacttgn aannccaaga antntggaaa 480
 atggcncct tggggaatct agaccnagg ncctttttna accttggaat ngnttaaaaa 540
 tcacnccaag nttgactttt ccttccttcg anaaaattgg gtcccn 587

<210> 121
 <211> 570
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

```

<400> 121
gggtactcttg gtttatcaat gggacgttcc agcaatccac acaagagctc tttatcccca 60
acatcactgt gaataatagc ggatcctata tgtgccaagc ccataactca gccactggcc 120
tcaataggac cacagtcacg atgatcacag tctctggaag tgctcctgtc ctctcagctg 180
tggccaccgt cggcatcacg attggagtgc tggccagggg ggctctgata tagcagccct 240
gggtgtatttt cgatatattca ggaagactgg cagattggac cagaccctga attcttctag 300
ctcctncaat cccattttat cccatggaac cactaanaac aagggtctgt ctgcttctga 360
agnccatatat gctggagatg gacaacttaa tgaaanattt aaanggggaa aacccttaag 420
ccttgagggtg tgtgnccact tcanaggact ttaaccttaa ctttgagacc aggtcaacct 480
ggnaanccct tgggtggagaa attggccgaa cttcccnact ttggccagggn ttttcccang 540
antgtcaaan caagacttcc ttatcatggn 570

```

```

<210> 122
<211> 551
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

```

```

<400> 122
actatctcta ttcaggatta tgaagttttt cgatgcgaag attcactgga tgaaagaaag 60
ataaaagggg tcattgagct caggaagagc ttactgtctg ccttgagaac ttatgaacca 120
tatggatccc tggttcaaca aatacgaatt ctgctgctgg gtccaattgg agctgggaag 180
tccagctttt tcaactcagt gaggtctgtt ttccaagggc atgtaacgca tcaggctttg 240
gtgggcacta atacaactgg gatatctgag aagtatagga catactctat tagagacggn 300
aaagatggca aatacctgcc cgtttattct gtgtgactca ctggggctga gtgagaaaga 360
aggcggnctg tgcaggggatg acatattcta tatctttgac ggtaaccatt cgtgatagat 420
nccagtttaa ttcccatgga atcaaatcaa attaaatcat catgactacc ttggttcccc 480
atcggttgaa gggacnngnat tcattgggggn ggcattggat ttgatnnena gntttattca 540
atactttctc n 551

```

```

<210> 123
<211> 575
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

```

```

<400> 123
acttaataca tattttcaaa cctgtttgca tttcaaacaa agttagcggt tttgtaaatc 60
aaatttgata acccgactaa aaatatatttc cagctttatt atttaaggag ctgcacagcc 120
tttaaagtgg ggaccaggag gcaggcagag gcagagagac tgaatgcacc caggactgcg 180
cagcagtcta cagcaacatg tcccacaact ttggtgctgg aaacacaagt aatgcacaag 240
acagctgccc tccagtgtca ggatcctgtg aaacagcata tcaaaagatc gccagcttct 300
tataatttac acactttcat ttaggattgc ttttttgaag aaaaatcttt aagaatgcca 360
tttttaattt aatatccaga accctggaat ttaaaaaaac ctaatngaaa ggaaattaac 420

```

tggtaccatc	aaaaatgggg	ntgntgggtg	gancntgtgt	gaagttaggg	aattctatgg	480
ctttttttta	gatgccccgg	aaaatttaac	cccttaatng	cangtttaat	ttngaattcn	540
cncaggtan	tgtatgtngg	gctcanatta	gtanc			575

<210> 124
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 124						
actgagacaa	tgggttaggg	tgtttttctta	attctttttcc	tggtaggggca	acaagaacca	60
tttccaatct	agaggaaagc	tccccagcat	tgcttgctcc	tgggcaaaca	ttgctcttga	120
gttaagtgac	ctaattcccc	tgggagacat	acgcatcaac	tgtggagggtc	cgaggggatg	180
agaagggata	cccaccacct	ttcaaggggtc	acaagctcac	tctctgacaa	gtcataatag	240
ggacactgct	tctatccctc	caatggagag	attctggnaa	cctttgaaca	gcccagagct	300
tgcaanctag	ccttacccaa	aangactgga	aangagacat	atctntcaag	cttttttcag	360
gaangcgtnc	ctgggaatcc	aaggaacttt	ttgatgctaa	ttanaaangc	ttgggactta	420
aaaatgtccn	ctangngngtg	gcactttttac	angttttttg	aangcttnga	aggcagannng	480
gggtcnaana	ntnaaaanac	nnttgacntg	ntaatannng	aatantangg	cnaatggaaa	540
ctngnttggg	ggaggatcaa	tttaaagagg				570

<210> 125
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 125						
ggtacagaga	tttaaatgaa	atcttcgaaa	gaataaattt	gcctttcagt	ccactgtatt	60
ttcaaaattg	attatcacca	agcttggatg	aaagctgtga	accacaaacc	atttgtttat	120
ttaatagaaa	aaagaatgtg	tagattatta	gcaaagtaat	gccttaaaat	gtatcttcac	180
acagttgaaa	tttttagtata	aacttgtata	tcaagttgct	ttccattatt	tattctactt	240
taaaaatata	tacaactatg	atgttcaaat	atgtattctg	agccattatg	ttcaaacata	300
aatatctggg	aaattcaaac	tgctgcaaca	agttaggaaa	ggattaagga	aaaatgatga	360
gctacaaatt	atgtagttgg	aggaagaaaa	aaatgttact	tagcatttat	gtctggatag	420
gtatgtattt	tctaattttac	atacacatat	ccagttgagt	atagaccacc	atcaaaatgt	480
accagttaca	cagagactag	actaaaccac	cctattttcta	tacaggtacc	atagtggatt	540
caaaaattta	atatctcata	gttccccaaa	ttattgnggn	aatatgctna	ttt	593

<210> 126
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 126

acgcgggggg	gccttcggg	acgagggcgc	gtgggtgagg	aagggtcaggt	ctaggaactc	60
taactccttg	ccactcaaga	aatgtcctcc	ctttcagaat	atgccttccg	catgtctcgt	120
ctcagtccc	ggctatttgg	tgaagtcacc	aggcctacta	attccaagtc	tatgaaagtg	180
gtgaaactgt	ttagtgaact	gcccttggcc	aagaagaagg	agacttatga	ttggtatcca	240
aatcaccaca	cttacgctga	actcatgcag	acgctccgat	ttcttggact	ctacagagat	300
gagcatcagg	attttatgga	tgagcaaaaa	cgactaaaga	agcttcgtgg	aaaggagaaa	360
ccaaagaaag	gagaagggaa	aagagcagca	aaaaggaaat	agtgttggtc	ccttcaagag	420
ggagactttc	ttcctaattg	ccggaaagaa	gaaagtgcac	ttattggctt	tccacatatt	480
ggaggaatgt	catcttccta	aatgaagttt	atttggagga	acacagtcac	ttccttgggtg	540
aaactaatcc	ggtacattgn	ggttgggttt	ttgaacacac	ctactgggca	aa	592

<210> 127
 <211> 600
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 127

acagtgggtcc	ttttcagagt	tggactttcta	gactcacctg	ttctcactcc	ctgtttttaat	60
tcaaccacgc	catgcaatgc	caaataatag	aattgctccc	taccagctga	acagggagga	120
gtctgtgcag	tttctgacac	ttgttgttga	acatggctaa	atacaatggg	tatcgctgag	180
actaagttgt	agaaattaac	aaatgtgctg	cttgggttaa	atggctacac	tcatctgact	240
cattctttat	tctatttttag	ttggtttgta	tcttgccctaa	ggtgcgtagt	ccaactcttg	300
gtattaccct	cctaataatgc	atactagtag	tcatactccc	tgggtgtagtg	tattctctaa	360
aaagctttta	atgtctgcat	tgcanccagc	catcaaatag	tgaatgggct	ctcttttggc	420
ntggaattcc	aaaacntcag	agaaatgggtg	tcatcaagga	gaaccttcat	aaccccntga	480
anggattaaa	aagccccaac	tggggggaac	tgataatagc	acttaaggct	ttaagaattg	540
gncacanttt	caccttgtga	accatttnna	cnatngngcc	taanngctnc	ctnctncaan	600

<210> 128
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 128

ggtacttttt	tttttttttt	tttttttttt	tttttttgag	acggagtctc	actctgtcac	60
ccaggctgga	gtgcagtggc	atgatcttgg	ctcactgcaa	gctctgcctc	ctgggttcac	120
gccattctcc	tgccctcagcc	tcctgagtag	ctggggactac	aggcgtccgc	caccacgccc	180

agctaatttt	ttgtattttt	ggtananaca	gggtttcacc	gngttagcca	ggatgggnetc	240
catctcctga	cctcgtgatc	tgcccacctn	ggccttccaa	agtgctggga	ttacagggcat	300
gagccacggc	gcctggccag	gatgggtatat	ttttaactcc	ttcactgggc	cccacccctg	360
actttctgct	ttangaggtc	tgggggtgagg	ctgaanatct	ggggggccaca	cttcgagagc	420
aaccaagact	gtaagtgggg	ccttccanag	cccaatgaag	ggaatactta	ggtacaggan	480
gtgtctgcat	ggncncangt	gtgggggttn	cttctcggcc	ttaaccagaa	agtatctctg	540
gttttaattt	taaaatgaaa	attttaaagg	gtgnctgaaa	cnaattgg		588

<210> 129

<211> 588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 129

ggtactgccc	tctccagatc	agcagttcag	gagagcacag	gaggcaaaac	acagattgct	60
gggcttattg	gtgccatcat	cgtgctgatg	gtcggttctag	ccattggatt	tctcctggcg	120
cctctacaaa	agtccgtcct	ggcagcttta	gcattgggaa	acttaaaggg	aatgctgatg	180
cagtttgctg	aaataggcag	attgtggcga	aaggacaaat	atgattgttt	aatttggatc	240
atgaccttca	tcttcacat	tgtcctggga	ctcggttag	gcctggcagc	tagtgtggca	300
tttcaactgc	taaccatcgt	gttcaggacc	caatttccaa	aatgcagcac	gctggcta	360
attggaagaa	ccaacatcta	taagaataaa	aaagattatt	atgatatgta	tgagccagaa	420
ggagtgaaaa	ttttcagatg	tccatctcct	atctactttg	caaacattgg	tttctttagg	480
cggaaacttat	cgatgctgnt	ggcttttagtc	ccttcgaatt	tacgcaagcg	cacaaacttt	540
gaggaaaatc	cgaaactgcn	aagcaagntt	gntacaagtg	acccaaan		588

<210> 130

<211> 190

<212> DNA

<213> Homo sapiens

<400> 130

ggtacaaaaa	aaaccttaca	taaattaaga	atgaatacat	ttacaggcgt	aaatgcaaac	60
cgctttccaa	tcaaagcaag	taacagccca	cggtgttctg	gccaaagaca	tcagctaaga	120
aaggaaactg	ggtcctacgg	cttggacttt	ccaaccctga	cagacccgca	agaccccgcg	180
tacttttttt						190

<210> 131

<211> 386

<212> DNA

<213> Homo sapiens

<400> 131

ggtacagaac	tcagaggaaa	aaagaaatta	aatttttagct	ttctggagag	cagccccctct	60
ctggcaccat	caaacacttc	tttgtttccc	ttcaacttgg	aactcttcaa	acatcagggg	120
ttgtgagggt	ttggccattc	ttttatcttg	ggtccatgtg	agtgacagaa	atgggtgcggc	180
ctgggaaaga	tctccctcct	ttacattttc	tcttctccct	cctcctcctt	attctaaaaac	240
tgtgcctcca	acagaggggg	aggggctcct	gtagagagat	ccctggccca	ggacaggaga	300
tgccaaatct	aatttatctc	actgaggggc	tttgagaaaa	acgcttcagg	gccagggtca	360

<210> 132
 <211> 593
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 132
 actgagacaa tggtaggggt tgttttctta attcttttcc tggtagggca acaagaacca 60
 tttccaatct agaggaaagc tccccagcat tgcttgctcc tgggcaaaca ttgctcttga 120
 gttaagtac ctaattcccc tgggagacat acgcatcaac tgtggagggt cgaggggatg 180
 agaagggaata cccaccacct ttcaagggtc acaagctcac tctctgacaa gtcagaatag 240
 ggacactgct tctatccctc caatggagag attctggcaa cctttgaaca gccagagct 300
 tgcaacctag cctcacccaa gaagactgga aagagacata tctctcagct ttttcaggag 360
 gcgtgcctgg gaatccagga actttttgat gctaattaga aggcctggac taaaaatgtc 420
 actatngggg gcaactctaca gtttttgaaa tgctaggang cagaaggga aaaataaaaa 480
 acatgacctg gttgaaggaa naaaagcaaa gaaacttggg ngggaggaca attaaaaaga 540
 gnnctggga tccctnttc ttaggtccct ctcttacnaa ggacnctntt tat 593

<210> 133
 <211> 588
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 133
 acagancatt nnnagcnctn gcacaggnta cagaacctna cagacccaaa ggaacatcgg 60
 ataggcnaag cgactacagg aggcgtgtgt gcgcttgggc naggtaaaca gggtcagtat 120
 tggtcnngtg acaagagnca cgaantctgg ccngacantg angtnaanaa ggttnatnnt 180
 ttnacantta tnnanatat nnnnnaannt attaanctgc ancanntgat ttnacacct 240
 anttactaga aaactaanga aagcactnat tagctctgaa tnaantnaca tggnaagcct 300
 tttactaatc tncaanaaaa cttctctgac antatnnnaa agattttatn atacaangng 360
 gnnnatcnct cnatcatann gggttctatt ananaaccct gctaantntg cgacttacag 420
 aacanccagc ntananatga ntttcatgcc catttgggaa gcatngcccg ggtatcacia 480
 aggaaaccta ctaaagnttt ctgttatacc agccttcntt cntatcantg catgnagnana 540
 nanaaccntt gaagggtntc cnggggactt tnttctnttn ctttgccc 588

<210> 134
 <211> 618
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 134

tenagcgggc	nncnnggcag	gtacantcac	annttnnang	anctnaacac	anactanctg	60
nngtcaaata	ttnaacaaaa	gcantagatg	aanctgctta	acattcacgg	aaaaacaacc	120
aaaagaaggg	aggggtgata	aaccanaaaa	atgantgacn	aaaactaaga	gacctcatan	180
gngtctttac	aatcnggaat	tcagatgcaa	ggaacagacn	caaantctgtc	taaaatgtna	240
cctatgaggc	nacanaaagt	gacttaaagt	ctggtnntnan	taaaaaatga	caacccttat	300
cctagagagt	cttacnttat	ttaatccana	cnttatntaa	cgccncngat	ttttgnttgg	360
ngctatggng	ttnatTTTTt	atcagaanga	antgtgggac	anatgcatta	ctgnttgttn	420
aaagncttn	acagctaatt	cacncccnng	ggcatgggtca	aaaaggnaan	aaccnggnca	480
tatattgntg	anatgaaaaa	accacntggt	aaaaaaataa	ntgnagccna	ntgngttttt	540
natgataacc	aatnttnnac	nttcagtann	ngccttttan	aagttggtga	actccgaaat	600
ctnctttttt	aaaccngg					618

<210> 135

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(374)

<223> n = A,T,C or G

<400> 135

actttttttt	tttttttttt	tttttttttg	gggatggagt	ctcactctgt	tgtccagggt	60
ggagtgcagt	ggtgtgatct	cggctcaactg	caacctntgc	ctcccaagtg	attctcctgg	120
ctcancctcc	tgagtagctg	ggactacagg	catgcactac	catgcccggc	taatttttgt	180
atttttagta	nanacaggg	ttcaccatgt	tggccaggct	ggtcttgatc	tcctaattctc	240
aggtgatccg	cctgcctcan	cctcctaaag	tgtctgggatt	acaggcatga	gccactgtgt	300
ntggccaana	ncactcgtaa	gaaggatggc	agtatcacia	aatcaagcca	gagatacaga	360
gattaccgcg	gtcc					374

<210> 136

<211> 581

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 136

actccagcct	tgctgaagct	gcctcaaagg	ctgatggttt	ggcagttatt	ggtgttttga	60
tgaagggttg	tgaggccaac	caaagctgc	agaaagtact	tgatgccctc	caagcaatta	120
aaaccaaggg	caaacgagcc	ccattcacaa	attttgaccc	ctctactctc	cttccttcat	180
ccctggattt	ctggacctac	cctggctctc	tgactcatcc	tcctctttat	gagagtgtaa	240
cttgatcat	ctgtaaggag	agcatcagt	tcagctcaga	gcagctggca	caattccgca	300
gccttctatc	aatgttgaa	ggtgataacg	ctgtcccat	gcagcacaac	aaccgccaac	360
ccaacctctg	aagggcagaa	caagtgaag	cttcattttg	atgattctga	gaagaaactt	420

gtnccttctca	agaacacacac	cctgcttctg	acataatnca	ataaaaataat	aatttttaaaa	480
aataaattat	ttcaatatta	ncaagacaca	tgctttnaat	natctgtaaa	ctaaaaacta	540
aaatttantic	tactgnttaa	tcnaanataa	taatagcttc	a		581

<210> 137
 <211> 504
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(504)
 <223> n = A,T,C or G

<400> 137						
ttttncaaan	nnaagttttt	tacttcnnaa	aantnatggc	taaggggngg	gnggngggng	60
aaaaaagnaa	aacaaaaaaa	ccccaaaaaa	atggggnggn	naaaaggggg	gganaaaaaa	120
ccnntntttt	ntaaantntn	acaaggcaag	ngcnnangga	aaaaaaaaaa	ncctgnaaaa	180
tccccncgg	nnggggnaaa	natnnnggtt	tccttttgnt	ttnaaacccn	ntnangnaag	240
gntntcccc	ntnccccctna	atnaaaaatt	tntntnccng	ggccnnaacc	ncntanggg	300
naaattccac	cncnctgggg	gccgttanta	agggatccna	gctnggccca	ancttgngga	360
aacatggcaa	aactgttcct	nnggnaaaat	gtttcccctc	anaattccca	naaaataaaa	420
ccggaacata	aagngaaaac	cngggggcct	aagngggncn	cacnccattt	attgggggtg	480
ccnncgnccc	tttcaaangg	aaac				504

<210> 138
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 138						
acaacaaata	acactgtgac	tccaacctca	caacctgtgc	gaaagtctac	ctttgatgca	60
gccagtttca	ttggaggaat	tgctcctggc	ttgggtgtgc	aggctgtaat	tttctttctt	120
tataaattct	gcaaattctaa	agaacgaaat	taccacactc	tgtaaacaga	cccattgaat	180
taataaggac	tggtgattca	tttgtgtaac	tcaactgaagc	caaaataacta	tcttttaaga	240
tgtcccacat	ggaagacgct	attccaggat	ctttaaattt	ccatgggatgc	atataggatg	300
tttgggagca	tcatccgtga	agaaaaaatc	aattaaatca	tttgtgtcaa	caggaatatt	360
taaaataaaa	aaaaaaaaaa	agtacc				386

<210> 139
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 139						
ggtactcaag	tttataatgt	ccccaaacct	taagactaga	aatcatccc	aagaaaaagg	60
cctatagtgt	gtttaatttc	accctgagaa	tactgtgata	aaaatcaata	tatttcagag	120
ctagtaagta	tttaaaaatt	agtgtctcaa	aaaggggaca	tcataaggga	aatacagggt	180

ttagagggtct	gagctcaagt	ggtgtaagac	agttctttct	tcttcctcct	ttaaactctt	240
cacttttgctc	taacacggaa	gatggggggac	agtgatcccg	aaggtattac	taaaatattg	300
cagcttttcag	taattatgag	aagcacagat	atcaccagaa	aagaaagcaa	tcattttggag	360
tactaagaaa	cgaaacaatg	ttattttggtg	gtgtataatt	ctacttttct	agtagattac	420
tgngtggaat	tctgtgaaaa	atatttgaga	aaangcctgt	attgcataaa	taaatctttg	480
tatgttgcaa	aaaaaaaaaa	aaaaaaaaag	acctgccggc	cgncccaang	gcgaattcca	540
cacctgccgc	cgtctagnng	tccacccggt	ccacttgggt	atatgg		586

<210> 140
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 140						
acaggggagga	atttgaagta	gatagaaacc	gacctggatt	actccggtct	gaactcagat	60
cacgtaggac	tttaatcggt	gaacaaacga	acctttaata	gcggctgcac	catcgggatg	120
tccctgnacc	aaccttcaag	gccnaaaccc	nnntgggtgnn	tttggncntn	aaatnaggat	180
ggccctgtnt	tcntaggta	acttggtccg	ttggtcaagt	tattggatca	attgagtata	240
gtagtctcgt	ttgactgggt	aagtcttnac	cnngtcentt	tnngtggggg	tttttttagg	300
naaaagnctt	ttggtncatt	nntggggggg	gnaggggact	gaacctttat	tnntttccaaa	360
tnccacctta	antcagggac	aanaaacatt	ccaanaacca	caatctttta	aaaaattaac	420
tngccagtgg	gaatgtttta	aaanntnaan	ggtctttttt	gccttggttt	ttgtgggggt	480
ctctcttccc	ccccctgggg	ttaatttttn	aagccgggac	ctcncnaana	cccctttttt	540
caaaggggccc	naaacccccc	cccccnaaaa	aaaaaaaaaa	aaaaaaaaanc	n	591

<210> 141
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 141						
ggtacacaaa	ccaagacaat	atcagggtga	cagggtgaatg	aacttaaatt	ctcagtcttg	60
tctattcacc	aaaaaagtat	actgcctggt	ttttctttta	ttattcaagg	ttgatgactt	120
ttaggaacat	gtttttatact	gtattttttta	attaaagcaa	gtgccttgat	gtaattccat	180
gtaaatcatt	gcttaaccct	cttatgggat	gaggatgagt	tattaatgta	ttgcagccta	240
ctggaaagga	gggggagttg	gttaatagca	gatacttttc	ttctagaagc	ttatgtttta	300
tgctgtttat	tatgtaagat	cctgtatgtg	tggtgagatt	tagaggtttc	atttggtttg	360
tctgctaata	aattgttact	ctaataataa	ccnngnnaaa	naaannnnnn	nnnnnnnnnn	420
nnnannnggt	ncctgcceng	gcggccgctc	gaaagggcga	attccancca	ctggcnggcg	480
gtactaaggg	gatccgnctc	gggncccaac	ttggcgtaat	atnggcatac	tggttcccgg	540
gngaaatggt	atnctgtaaa	ttccccaaat	acnaccggaa	ncttaagggt	aa	592

<210> 142

<211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 142

acaacacctt	cattcttaat	gcttcttagg	gcatcacagg	ttttagaaat	taatgtattt	60
ttagcattcc	acagtaatga	tcactttcaa	aaactgcaat	atacatctgc	atgttacact	120
gacatacaac	acataagtat	tttgtcacac	atcaactttt	agcctcaa	aatagaatac	180
aaaaagctac	actggacata	acaccaccga	acttttgaat	atcccccttt	cccaattgtt	240
aacaggtagt	actgggatta	cagggcgtgag	cctctgcgcc	tggccaagtg	gaggttatta	300
ttaaccctat	ttaacagata	taaaaagaag	agattagaga	attttatcaa	tggtccact	360
gtcaaataga	atataagcaa	tgatacaaaa	tgttgagtct	tcatacctcta	actccagatc	420
ctgggtatatt	gccctacatt	tctatacatt	aatactaact	tatacactga	atacaagagt	480
naaaccaact	gtcngggcctt	aatangngga	aaatgctctt	gncctaaanc	accaggggtg	540
ctnggtttat	tcctacatgt	ggactaaaan	gnaatcatct	ttatggcngg	aaana	595

<210> 143
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 143

actactcgat	tgtcaacgtc	aaggagtcgc	aggtcgcctg	gttctaggaa	taatggggga	60
agtatgtagg	agttgaagat	tagtccgccg	tagtcggtgt	actcgtgtga	agttggcagg	120
gacggttcct	gtcatcttct	tgggcttatt	tggtgtgctg	ttgaaggggg	gagactagag	180
aaatggcagg	gaacctctta	tccggggcag	gtaggcgctt	gtgggactgg	gtgcctctgg	240
cgtgcagaag	cttctctctt	ggtgtgccta	gattgatcgg	tataaggctc	actctcccg	300
cccccaaagt	ggttgatcgt	tggaacgaaa	aaagggccat	gttcggagtg	tatgacaaca	360
tcgggatcct	gggaaacttt	gaaaagcacc	ccaaagaact	gatcangggg	cccatatgct	420
tcgaggntgg	aaanggaatg	aattgcaacg	ttgtattccn	aaagaagaaa	atgggttgaa	480
gtaaaatgtt	ccttatgacc	tcncaacctt	ataaacncat	ccgtttnttt	acaacntta	540
accacatggg	aagttcattn	aaaaaaactg	aaaactttgn	aaagnttttt	ttnnccttga	600
aaagggaact	tacctcgccc					620

<210> 144
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 144

cgaggtactt	tttttttttt	tttttttttt	ggggtcagtg	gtgatatccc	cctaatacat	60
tctgattgng	ttccttttaa	tcttctctca	tttctttttt	attagactag	atagtgattt	120
atctatttta	tttaattttt	caaaaaatca	cctcctanat	ttgttggttt	tttaaggggtt	180
ttatgtctct	atctccttca	gttcaactct	gatcttggnt	atttcttgnc	ttctgctaga	240
tttgggggtt	gntttctgnt	ggntctctaa	gttctttttg	ntgngacatt	agattgncaa	300
cttaaaaatct	ttctagctat	ttgacgtggg	catttaaatgc	tataaaatttc	ctggtaacac	360
tgcttttcgct	gtatnccana	naatctggga	tgggtggggcc	ttgggtttcaa	taanttccaa	420
tacctcttaa	gggggngggag	ccaanaagan	ctaataggggg	cagcactgct	ctggggctncc	480
atcaanaagg	acaaaaactg	ggagngaccc	tgcttnttca	ctgaggnacc	ggcccggccg	540
gccgtccnaa	ggcgaatcca	cncnctggcg	gccgtctatg	gatccacccg	gnccaactgg	600
ggaatatggc	aaa					613

<210> 145

<211> 345

<212> DNA

<213> Homo sapiens

<400> 145

acactgatct	acaaaaatth	taaaatgagc	cgggcgcggt	gactcacgcc	tgtaatccca	60
gcactttggg	aggccaaagc	aggcggtatca	tgaggtcagg	agatcaagac	catcctggct	120
aacacgggtga	aaccccgctct	ctactaaaaa	tacaaaaaat	tagccgggtg	tggtggcggtg	180
cacctgtagt	cccagctact	cgggagggctg	aggcaggaga	atggcggtgaa	gccgggaggt	240
ggagcttgca	gtgagccgag	atcacaccac	tgactccag	cctgggcaac	aaagcaagac	300
tctcaaaaaa	gaaaaaaatt	ttttttttaa	tgagctgggt	gtacc		345

<210> 146

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(475)

<223> n = A,T,C or G

<400> 146

actacaaggt	ttagcatttg	ctctgctggt	cgacattccc	ccagtctatg	ggttgtatgc	60
atcctttttt	ccagccataa	tctacctttt	cttcggcact	tccagacaca	tatccgtggg	120
tccgtttccg	attctgagta	tgatgggtggg	actagcagtt	tcaggagcag	tttcaaaagc	180
agtcccagat	cgcaatgcaa	ctacttttggg	attgcctaac	aactcgaata	attctttcact	240
actggatgac	gagaggggtga	gggtggcgcc	ggcgccatca	gtcacagtgc	tttctggaat	300
catccagttg	gctttttggga	ttctgcggat	tggatttgta	gtgatatacc	tgtctgagtt	360
cctcatcagt	ggcttcacta	ctgctgctgc	tgncatgttt	tggtttccca	actcaaattc	420
atttttcaat	tgacagtcce	gtcacacact	gatccagttt	caatttttaa	agacc	475

<210> 147

<211> 629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 147

cgaggtacgc	gggatttgaa	tcttaaactg	tatttttctc	ttagtattgc	taatgagtaa	60
agaaaagtct	cataaggtag	ccaaatgaaa	aagaatgaaa	gggaaagtga	aaaattaagg	120
ggacaaaaga	tgggatgtga	aaagaagaat	tctagtttga	tggtgactca	tattcacgat	180
aggatacaaa	gtgtgatttg	ttggaaacat	gtcccaaatt	tctaaaattc	tgcttctctg	240
ccaaaagcaa	tgtctttctt	ggttgatatt	tgagttttta	aaggggtcaa	tctttcta	300
tttttgtatc	tttagagggc	agcactagaa	gaaatcagca	ggtctaatac	caccagtaag	360
aaaactacca	cttcttgatt	tttacagatt	taaaaaaatc	ttttcagtg	ctttcttttt	420
aatgtaaata	caaattttaa	cctangctta	atatagcggt	tccctttccc	caagtgatgt	480
cnaggtcgat	gccaaatcaa	tgatccnaaa	tgatcgnggt	naaaataact	caaaggggtc	540
ttaaggngag	tngcatgcc	aaaaatacct	tgattccggg	ggtttggacc	tggtttgtt	600
ggggcctntg	aatgccaan	ttanccan				629

<210> 148
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 148

acaaaagagc	ctgattcttt	ttaattccac	aaatacctag	catctcaaag	taacatgtaa	60
acaaacttct	atgctgctca	atgaatcctt	ccaatttcga	taataaacta	aatagtattg	120
gatctagtat	atgactttca	tgtgtaagtt	atggttctat	ccattacttt	aacaatatta	180
ctgatgtaac	agagaaaaat	tttcaactat	tgtatttatt	taaaacaaac	tgacaagttc	240
aagcacctgt	cttcagaaaa	gccagcagca	tttttttttt	ttaacatact	caaagtaaga	300
tttggcctaa	gcccttaata	cctttctgaa	cagccatgca	actaaacacc	ctcagggaga	360
tgttacataa	gggagagaag	aacatggagc	aatttgcact	ttttccctag	ataatattaa	420
caaggnaaag	caaatncaga	tctttatgaa	tgaatggntg	gcatggttaa	tcacttggac	480
ttttttaaact	agagncncta	tcatattggt	aaatagaaan	aaaggatttt	aataaagctc	540
tncctgcttc	aaaattaagg	ggacnttttc	tgggaggctt	tcagggacca	taataaggta	600
aaaggggacg	gttg					614

<210> 149
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 149

nccgaggnac	tttnnttttt	tttttttttt	ttttnaacag	cgncttttca	tttttattac	60
tcaaaaaagt	ttcatttttt	tattttaagct	ttctgactct	gngcttgggc	cttcaacact	120

ttcacaaacga	ttttctgctc	ctcgataagg	aaagcccgc	tgatcctana	aaggaaaata	180
ccaaattaat	catttcttta	aatgaactt	cattttttat	ttagcccaaa	aaaggnaaac	240
atggtaaaga	accaagcnaa	gcaatcaggg	aaccaggaa	actacnggat	acccaaatac	300
ngagtaaaac	ttaaaagggg	aaattcattt	aaagcagga	aatccctcaa	tttcatgcn	360
gtagttatct	gncctcctct	gagcaagaat	aactatgaag	catccccag	gagaccacnt	420
atgagactta	attattggta	ggatccagga	atagnggnat	ttnttgattt	gcaaaangtn	480
taaaaaattt	taaccctntt	ttgaaaattc	ccagnaaaaa	caccncataa	ggggctntgt	540
gttaaaacta	aaattaaagg	gaagggtttt	tccagaaacc	ccccccanac	cagggtttna	600
accggttang	gcanntcncc	aaaccnan				628

<210> 150
 <211> 509
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 150

ttggggaann	aaaaaaaaac	tttttttttt	nggggnnnng	ggntgcnanc	natncaaaaa	60	
tcaaaaancnt	ntttgggttt	taactttttt	ttttttgntt	gncaaaannaa	aantaaantt	120	
tntttttana	tttgctaang	ggcngancn	gcnnaaaaaa	nccttttttn	ggggaanctt	180	
nggggcaa	at	tnnttnancn	accctttggg	anaacttttn	ttaggggggn	nnnaaccgnc	240
at	tttttggccc	acttttttcc	cttttgntta	anggggncct	tgggcnggac	cnccttagg	300
ggnaattcac	ccnctggggg	gcgttatntt	ggatccactc	ggncccaactt	gggggaaaaa		360
gggaaaacnt	tttctggggg	aaattttttc	ccncnaaatt	cccaanaana	aaaccggaac		420
nnaaanttaa	acccgggggc	ccaaggnggg	ccnncccntt	nttgggtggg	ccctgcccnt		480
ttaangggaa	at	ttttggccc	tttttaaaa				509

<210> 151
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 151

ggtacttttt	tttttttttt	ttttttttgc	tttggacaaa	tttattgaaa	catacaggcg	60	
gctgttagca	gagaaatcat	tccatgattg	atgtgttaca	tttggccact	accttgaatg	120	
tataatttaa	aaattatatt	tttcacaact	aagcctttgg	ccaaaaaagt	catttagcac	180	
atcttttaaag	atcaataaga	aatggatttt	ggacattaaa	aagatcaagt	cactgaatta	240	
aacagtagca	acccccatta	atctagaatc	ccatagtgtc	gaaggtagag	gtgtctgtgc	300	
aaagctagtc	at	ttgttaac	agcaatcana	aaanatgggg	gcaggcacac	ctgtcaaaag	360
tggcaacana	nctggcagga	caggacggct	gggctggctc	ggtcagggtga	gcatgtacca		420
aaaacagcag	caacagaaaa	ccgctccacc	angcttgtga	agcangtgga	tggctcctagc		480
tcatctnttn	ttttggnet	ntancacata	cactgngggg	ttangangnt	tctgaggnc		540
accttgccnc	cctacctgcc	cggngggccg	ttnaaagggg	aattccacca	ctgggggccg		600
tctaatggga	cccacctggg	cc					622

<210> 152
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 152
 acggtggatt agttcttttc agcatgttcc ttctgtatga taccagaaa gtaatcaagc 60
 gtgcagaagt atcaccaatg tatggagttc aaaaatatga tcccatatac tcgatgctga 120
 gtatctacat ggatacatta aatatattta tgcgagttgc aactatgctg gcaactggag 180
 gcaacagaaa gaaatgaagt gactcagctt ctggcttctc tgctacatca aatatcttgt 240
 ttaatggggc agatatgcat taaatagttt gtacgcgggg aaaaaaaaaa aaaaaaaaaa 300
 aaaaaaaagt acc 313

<210> 153
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 153
 cgaggtacgc gggaggggcaa caagaacctt ttccaatcta gaggaagct cccagcatt 60
 gcttgctcct gggcaaaccat tgctcttgag ttaagtgacc taattcccct gggagacata 120
 cgcacaaact gtggagggtcc gaggggatga gaagggatac ccaccacctt tcaagggtca 180
 caagctcact ctctgacaag tcagaatagg gacactgctt ctatccctcc aatggagaga 240
 ttctggcaac ctttgaacag cccagagctt gcaacctagc ctcacccaag aagactggaa 300
 agagacatat ctctcagctt tttcaggagg cgtgcctggg aatccaggaa ctttttgatg 360
 ctaattagaa ggcctggact aaaaatgtcc actatggggg gcactctaca gtttttgaaa 420
 tgctaggagg caaaaaggggc agagagttaa aaacatgacc tggtagaagg aanaaagcaa 480
 aggaaactgg tggggaggat caattagaga ngaggccctg ggatccnct nttcntaggn 540
 ccctctcata cnaaggacac tttttatatg ccttcccaa ctgntnggga agggtnaaac 600
 caaaatccgg ggtanaacct 620

<210> 154
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 154
 ggtacctgga ggatatagac ctgaaaacac tggagaagga accaaggact ttcaaagcaa 60
 aggagctatg ggaaaaaat ggagctgtga ttatggcctg gcggaggcca ggctgtttcc 120
 tctgtcgaga ggaagctgct gatctgtcct cctgaaaag catgttgga cagctgggcc 180
 gtccccctct atgcagtgg aaaggagcac atcaggactg aagtgaagga tttccagcct 240
 tatttcaaag gagaaatctt ctggatgaaa agaaaaagtt ctatggtcca caaaggcgga 300

<210> 155
 <211> 450
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 155						
cgagggtactt	tttttttttt	tttttttttt	tttttctntat	ttttgttttaa	tttattttaan	60
accacctnct	tacaacttnc	anagagaaaa	tacaaaacaa	gaaacanact	tggtttnaaa	120
tgcataacca	gntgctggan	tttaaagcat	tactgataac	attgtttacan	aanaatggca	180
nnttactcna	gggcacttna	gtattcctna	ggaataaaca	ttgattttctc	ttgtcctccc	240
nntgggatgt	tctcangtna	agtcactgcn	cctgcnctta	gacatatattt	ccatgtnnca	300
naananggag	cctgnaaant	atgctnacag	tnggaataag	ccattnctaa	ttccatgcca	360
naaccnangg	ctaattggnn	attctttttt	aataaggtat	gtggaaaana	ttctntatccc	420
aaanaaaant	tgcccggncg	gtctntntaa				450

<210> 156
 <211> 760
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 156						
cgagggtactg	ccccagtga	aatggaactg	aaagagcctg	tagctgtcag	agaaaggacc	60
accttttcagc	actgatcggt	tatcgttgtc	ctcaaaat	acatggaagg	aatgccccac	120
attgataaatt	tctttggctg	tggtctgggt	gtaggagaca	ctaataaggt	tcagagaggt	180
gtcatgtttg	gtttcactgg	ttttaatatc	aacaggggac	tggttatctc	cattggcaat	240
gggatacagc	ttgctccatt	gttcaggacc	atttttgtca	tcatatcccc	agtctggact	300
tgccattatc	ttctactgag	ttttcttttt	ctgaaaacaa	aaataatacc	tggataaact	360
aaactgcccc	gcgtcctgcc	cgggcggcca	aaggggcaat	tccaccactg	gcggccgtac	420
ttatggatcc	aactcgctcc	ancctggcgt	aatatggcat	aactgttctg	nggnaaatgt	480
atcccttaca	attcccncac	atcnaccgga	acctaantgt	aancctnggn	gcnnataagg	540
actactnctt	aatgggtggc	tctgncnttt	caannggaac	cttngcnctn	gntatgattg	600
ccaccccgga	naggggtggt	ttggccttcc	ntcttgtann	aatcttcncg	gnttggttga	660
anggtnttct	taggggatng	ttccaatggg	gaccgnaanc	ttccagccna	ggcaccaaan	720
cnttggttta	nccccacnn	aaaantanag	gggncngggt			760

<210> 157
 <211> 668
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 157

ggtaccagg	agtcattcag	gaacaggttg	ttcagtttcc	atgtagttga	gcggttttga	60
gtgagtttct	taaacctgag	ttgtcgtttg	attgcactgt	ggctctgagag	acagtttggt	120
ataattttctg	ttctttttaca	tttgctgagg	agtgcctttac	ttccacctat	gtgggtcaatt	180
ttggaataag	tgagatgtgg	tgctaaaaag	aatatatatt	ctgttgattt	gaggtggaga	240
gttctgtaga	tgtctattag	gtctgcttgg	tgcanagctg	agtcaattcc	tggatatect	300
tggttaacttt	ctgcttggtg	ntctgtctaa	tattgacagt	ggggcggttaa	agtctcccat	360
attattgtgt	gggagtctaa	tctctttgta	ggtctctaag	gacttgcttt	ataaactggg	420
tgctcttgat	tgggtgcaat	atatttagga	tagttagctc	ttcttggtga	atggancctt	480
taccaatatg	aatggcctcc	ttccttttga	ccttggtggg	taaagctggg	tatngaaact	540
ggatggancc	ctgctttttt	tgggttcattt	cttgnagggt	cctcagcctt	attttanenn	600
gnggctttgn	ccnctntccg	cggcnttaag	ggaaccacnc	tgngcgtcta	ngancactgg	660
caactggg						668

<210> 158
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 158

tttttttaag	ggtcaatggt	tacatttttt	tcatataaat	atcaagttgt	cagcaccatc	60
tggtgaaaaa	aatccttgta	atggctaata	ttttatgtca	ttagatttga	taatagttta	120
agaatttttg	ttcctatatt	catgagggtt	gcttttcctt	aacttttttg	ttttgtaatg	180
tctgtgtcag	gntttactat	tagaacaata	ctagtctagt	aaaaaaaaaa	anaaacaaaa	240
aactancaag	tgtntctccc	cttctattta	taanaanggn	gttacttctt	ccttaaattg	300
nnaaattatg	agngaaactt	ggagtatcnt	tgcnnggantg	gaagtttcc	tgtggaaaga	360
attttatnat	nattacattt	caatagtncc	gcntccctgc	ncgggcgggn	ntcaaaggcg	420
aatncagcaa	attgntggcc	gntactnngg	accaacntcg	gnccatnntg	gggnancang	480
tcaanctggt	ctngnnaatt	gtnccttccc	aatncccaca	nanaaccgaa	cctaaatgga	540
accngggggc	tantaangnc	taccnntatt	gngnggctnn	gcccttnnnt	ggaaactgnt	600
cnaccnttat	aatggccccc	cnggaaggnt	tnnttggeet	tctnntncaa	anctggcnng	660
ntntgtgna	ggttatctna	ntggatgttc	cacgggaacn	gaanatntan	ncagtggacn	720
aaanntnntn	ttttnct					737

<210> 159
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

```

<400> 159
cgagggtaca ctgtgagaga ataacatgga cttgatatgg catcacactt gttttaaagc      60
aaaaaaaaag aaaaaaagaa aaaaaagaaa gtacagttaa aaagtaagca ttgtagttaa      120
tagtggattc tctggtgtgt attttttata tcagtgttga aaattggaaa agaattgggct      180
gaagtctaaa aactggaata atgaaggaca ctaaatagcct ttattgtaga tactatgttt      240
gtaagtctat agctaagcaa cttaagccaa aaaggctctt caactgaagc tttaatcaac      300
ttattttgga gatgttctct tccttatctc atgcgtcatc cctaaaataa taagatacat      360
gggatcaaat aacccttgcc ttttcaacac aaatcagttg gaaaattatg ggttgagtcc      420
tgttgctgcc atggttctgt tctcaaaatg agtgtgtatg acatcccatc tatgtaatag      480
gctacctttt tggctcttgg aactttgtcc tgccggccgg cntttaaggc nantcnacca      540
ctggcgccgg tactatgggn tccagctcgt ccaaccttgc tatcntggct acttttctgg      600
ngaattgata cgtncatccc cacttcancg gagctaangg aancntgggc ctatggggct      660
actccatatg ctngccnctg cnttcnangg aacnccgntc ttaanatgca cccnggaagg      720
gtngtngcct tcnttctttt                                     739

```

```

<210> 160
<211> 802
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

```

```

<400> 160
cgagggtacag cagagacctt cctgcttttt actgggggact ccagattttc cccaaacttg      60
cttctgttga gatttttccc tcaccttgcc tctcaggcac aataaatata gttataccac      120
taaaaaaaaa aaaaaaaaaa tacgcggggg cccattgttt ttgtaatctc tgaggagaag      180
cagcagcaaa catttgctag tcagacaagt gacagggaat ggattccaaa caccagtgtg      240
taaagctaaa tgatggccac ttcatgcctg tattgggatt tggcacctat gcacctccag      300
aggttccgag aagtaaagct ttggagggtc caaaattagc aatagaagct gggttccgcc      360
atatagattc tgctcattta tncaatatga ggagcagggt gactggccat ncgaagcaag      420
aatgcagatg gcagtgtgaa gaaagaaaca tatttacctt taaagcttgg tcccttttna      480
tcgaccnaag tgggtccgaca agcttggaaa attactngan aaagctcaat nggactatgt      540
gactcttttt aataatttcc anggnnttaa acccgtgagg acttttcccc cgntaaatgg      600
aaagtatttt gcnannggac ttgacttccc ggngccntaa gngaattcac cactgggggg      660
gnttagggtc cnnntggncn anttggnaaa ngggtaatnn cntgnaatgt tctcatccc      720
aantngccgn ataantaacc gggcaaaggg cccaaatggn gccctccttn nngaattnanc      780
cctntannna ancggggggg gg                                     802

```

```

<210> 161
<211> 214
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

```

```

<400> 161
acttttnntt tattcnttat ttttgggacc tgctctcact gtccaccag actggagtgc      60

```

antggcacca	ttatagctna	ctgcagcctt	gacctnntgg	gctcaagtga	tctnctgtc	120
tacaccccc	aagnatgntg	tgacattatg	cttggataat	acttgtatnt	tangtaaaga	180
cagggtcttt	ccnatnnacc	nggnagatct	naaa			214

<210> 162
 <211> 304
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 162						
acttaggaat	acaactatat	acatatgatt	ttatttttaa	gaccatatta	tatttgggta	60
tctactaata	ttttgtataa	agcaattttt	tgttccatta	cgtgactttt	tgttttattg	120
tatatgtaat	ttaacacaca	ataaagggta	aagttgcttc	cccaaaccac	acttttaatc	180
aaaacctaga	atcatctgca	gtccttgcta	aaaatgcagg	tttctagaac	cctctgaagt	240
tctgattaaa	taaatttatt	gcaaatacaa	naaaanaaaa	aaaaaaaaaa	agnccccggg	300
gnta						304

<210> 163
 <211> 461
 <212> DNA
 <213> Homo sapiens

<400> 163						
actagagcca	gtcatcctta	acaaatcttt	tcacatttta	tttctttcac	atgtagtcac	60
cttcaaaaag	gaaagatttg	gaatttttaga	aaaggggcaa	ctcttctttt	tagcattctc	120
atcagaaagt	cacaaaaatc	gatggaatca	tttccactgg	gaagattgac	cttttgtatt	180
tatttgtggg	gtaaattaat	aagcattcca	gatgcttgca	gcttcctgca	tccaggagat	240
gctgtgttcc	ccgtgatgca	gctggaaccc	aagctgcagc	aggagatgca	agtttcagga	300
tgttccccac	tgagctggag	gaatatctac	agcagtgatg	cttgaaattt	tgtatgaatt	360
attttgtcgc	ctaccctttt	cctccaaaca	aaaattagag	gattatttaa	tccttgggat	420
cttccccttt	ttgagaaata	aagtttttat	caaaaaaaaa	a		461

<210> 164
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> n = A,T,C or G

<400> 164						
tttttttgag	acaaggtctt	actctgtcac	ccaggctgga	gtgcagtggc	atgatcttgg	60
ctcactgcac	cctctgcatc	ccaggttcaa	gtgattctcc	tgtctcagcc	tcccttgtag	120
ctgggattac	agccacttgc	caactgcaacc	ggctaatttt	tgtattctta	gtagagatgg	180
ggttttacca	tggtggccag	gctgggtctg	aactcctgac	ctcaagtgat	ccacctgcct	240
ccatgtccaa	agtgtctggga	ttacaggcat	gagccaccac	ccttggccta	agtcattaat	300

<210> 165
 <211> 385
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 165
 actgaaacag aaactntacc caattgcagt ccatatgttt tctgggatcc cggagttccc 60
 tttcaacaat gtaaaataca nacttaggtc aaaagttccc atgtctgaga aaactcaagc 120
 caaatcagtt ctctccaaa gttgacagga tttatgcttt aaaaatagag atacagaatt 180
 ctctttggaa agatctacca aattcctgta agaaacagtc taccctaaagt aggggaaagg 240
 ctatatgana agttcaaggc acttcttaaa aatatatctt aggttttagg gaaaggaaac 300
 agacaagttt ccagaccggt ggggtggaatg gatgtagcag atcactgaga gggtacaagc 360
 gccgacctng gccngacac gctan 385

<210> 166
 <211> 745
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 166
 tttttgacga tgtctctcaa caatacctga agttttctcat actcatcatc ccaagtctga 60
 aaaacttcaa agcatgctac cataactttt tcaaattctt cataagcaac atgcatcaat 120
 ttcctagtgc ccaatacttt gagtaattga gaactcaagt ctcttgaaat tgcctccacc 180
 aaacgcagtg ccctctgaat aggatatttt gtgtttcgga tctttctcaa atcccgcgta 240
 ctttgagaag ctgaggcggc agatcacttg aggccaggag ttcgagacca gtctcgtcaa 300
 catggcgaaa cctgctcta caaaaaaaaaa aaaanaanaa aaattagcca gacatggngg 360
 cccacatctg tagtcccagc tacttganan gctgaggcat gagaatagct tgacctggaa 420
 nggcaaaggt ttantgancc caaactgngc ctggattcca atnnggngga cccagtgana 480
 tttgtctcaa aaaaangaaa ggaaaaaaga gcccgncgga aggaaggatg gattgangga 540
 aaattgtggc ctccnnnnaa aggnccaang gccctnangt ttctttgaat agtttccctn 600
 gccnttctta ngggcctnng cctttttttn nctggcgaa cctaggnatt cacatggggg 660
 ttangacncc gccnctggga naggaagtn ctggaagnnc ncntcccaat ancgnttang 720
 aacgggcngn ggannaattt tttnc 745

<210> 167
 <211> 623
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 167

accagccact	gcaaaaacat	gccaaattgt	aaagaccatc	gaggctggga	agaaactgca	60
tcaactaacg	agcaaaataa	ccagctaaca	tcataatgac	aggatcaa	tcacacgtaa	120
cactattaac	ctgaaatgta	aatggactaa	attctccaat	taaaagacac	agactggcaa	180
attggataaa	gagtcaagac	ccatcagtgt	gctgtattca	ggagacccat	ctcatgtgca	240
gagacataca	taggctcaaa	ataaaggaat	ggaggaagat	ctaccaagca	aatggaaaac	300
aaaaaaaggc	aagggttgca	atcctagtct	ctgataaaac	agatttttaa	ccacaaagat	360
caaaagagac	aaagaaggcc	attacataat	ggtaaaggga	tcaattcaca	agaagggcta	420
ctattctaaa	tatatatgca	cccaatacag	gacccccaga	ttcatgaagc	aaatccttga	480
gattnccaaa	ggattaactc	cncncngtat	tatggagact	tncacccact	ntnacctttc	540
ccgatcttgn	cccaaagtac	cnggtttccc	gaattgactn	gtttgncann	gggctattaa	600
tttngaattt	cncccaaaaa	aaa				623

<210> 168

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 168

ggtactccct	gtttgctgca	gaatgtcaga	tattttggat	gttgcataag	agtcctat	60
gccccagtta	attcaacttt	tgtctgcctg	ttttgtggac	tggctggctc	tgtagaact	120
ctgtccaaaa	agtgcattga	atataacttg	taaagcttcc	cacaattgac	aatatatatg	180
catgtgttta	aaccaaatcc	agaaagctta	aacaatagag	ctgcataata	gtatttatta	240
aagaatcaca	actgtaaaca	tgagaataac	ttaaggattc	tagtttagtt	ttttgtaatt	300
gcaaattata	tttttgctgc	tgatatatta	gaataat	ttaa	gtgaaatag	360
aaatatgtat	tttaagcact	cacgcaaagg	taaatgagca	cgttttaaat	gtgtgtgtgc	420
taattttttc	cataagaatt	gtaaacattg	actgaacaaa	tacctatatg	gattggta	480
gacttatgag	caanctgctt	ggccagacag	ttacccaaac	tttatatatn	tnngaaggta	540
tacactgnga	aatctctggc	taancgaatg	cntccagggg	taannngggn	tggn	600
aaanaatgcc	ctgcaaaaaa	aaaaaaaaaa	aagccttccg	nggccttnaa	nggaatcnn	660
anggggnntnn	ggccactggc	cactggnaaa	ngnaacgtct	gga		703

<210> 169

<211> 609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(609)

<223> n = A,T,C or G

<400> 169

acgtccatct	tccagctgct	tgccagcaaa	gatcagtcct	tgctgatcag	gaggaattcc	60
ttccttatcc	tggatcttgg	cctttacatt	ttctatcgta	tccgaggggt	caacctcgag	120

ggatgatggc	ttaccagtca	gggtcttcac	gaagatttgc	atcccacctc	tgagacggag	180
caccaggtgc	aggggtggact	ctttctggat	gttgtagtca	gacaggggtgc	gtccatcttc	240
cagctgtttc	ccagcaaaga	tcaacctctg	ctggtcagga	gggatgcctt	ccttgtcttg	300
gatctttgcc	ttgacattct	caatgggtgc	actcggctcc	acttcgagag	tgatgggtctt	360
accaagttag	gggtcttcacg	aagatctgca	tcccacctct	aagacggagc	accaggtgca	420
gggtggactc	tttctggatg	ttgtaatcag	acanggtgcg	ttcatctttc	actgnttcca	480
caaaaaaaca	cctctgctgg	canganggat	ccttccttnc	ttggactttg	cctgacattc	540
tnatgngta	ctccgctccc	ttcaaaggga	tgncttacan	tcanggnctt	acnaaaattt	600
cntccnctt						609

<210> 170
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 170						
acaaagaaca	tgtagctata	ggaaataata	gtgtaaatag	cagtatatata	actggcccat	60
gtaaaataca	aaaatattca	ctgaagtcag	gttttctata	aaacagtgtt	tattagaggt	120
attttactat	gaatcaggca	tataatctga	atgtagaaac	ttttagaaat	attaacagca	180
ttcagtcagt	gccatgcact	tgtgcttcca	attatTTTTT	taaagctgct	ttgttttgac	240
tcatgtgaaa	tagttaaggc	ctacattctt	atacacatta	tccatcttac	aagggttaaca	300
attttacact	aaaacacagt	ttaaattaaa	aacgattttg	aaaaattaca	tctatatTTA	360
atccctaaga	agtgttttaa	gctggtaatg	cagctcgcctg	tagctctaag	agaggggtta	420
gtcaggaatc	tgatcttgag	ccataaangg	tttcaggcta	aacaaagaac	aaatttaagt	480
gacagaaaat	attataattn	caatatactc	agtttttttg	tataaaatac	cctgctagca	540
tgccactggc	tatattgnng	gcataatata	aaatgncggg	ggggggggatg	gancctccaa	600
gncaaanttt	ggaccca					617

<210> 171
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 171						
acagtatggg	ggttgtaaat	tggcatggaa	atttaaagca	ggttcttggt	ggtgcacagc	60
acaaattagt	tatatatggg	gatggtagtt	ttttcatctt	cagttgtctc	tgatgcagct	120
tatacgaaat	aattgttggt	ctgttaactg	aataccactc	tgtaattgca	aaaaaaaaaa	180
aagttgcagc	tgttttgttg	acattctgaa	tgcttctaag	taaatacaat	tttttttatt	240
agtattgttg	tccttttcat	aggtctgaaa	tttttcttct	tgaggggaag	ctagtcctttt	300
gcttttgccc	attttgaatc	acatgaatta	ttacagtgtt	tatcctttca	tatagttagc	360
taataaaaag	cttttgtcta	cacaccctgc	atatcataat	gggggtaaaag	ttaagttgag	420
atagttttca	tccataactg	aacatccaaa	atcttgatca	gttaaaaaat	ttcacataac	480
ccacttacat	ttaccaactg	gaagaataat	caatctctca	agcatgggat	tattagaatc	540

aacantttga aagctgtcct tgaaggctaa taaaaaagnt tgtctaacct ttcattgaggn 600
 cttnttntta ctnccttactn g 621

<210> 172
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 172
 actcaaaatt acacatttgt ttaaataaat atccacacaa attctcagtt acatcaagta 60
 gctggtttat atttagatta tctcaagtag gggggaataa ccatgtgtag gaattcatag 120
 aaaaataaac aatcagctga agaggtctaa gaaaatgctg acttttataa tttcacttat 180
 tttccttgaa gttttctacc cttcccatcg atgataaacc aagatcatgt aatggaaaat 240
 ttcaaaccag ggctaaattc taaagtaaag cttcaattca agcccttccc ccaagagaaat 300
 taattttcct gattttctct tctctcacat ctaaggagaa catttttaggc agttaaattt 360
 cagaacttca aggtttcatc agggtcacct ttatgtacc 399

<210> 173
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 173
 actttgtgga taagaaaatg gaggaacaca tctgatggag agtgggcatt tgacaacaat 60
 ggaacaggtg acctgcatgt aaaatcaaaa tataagtgtc tttttaagag ctgaaagctg 120
 ctgctgggtca ttcattaatg tgctcagacat ttaatcagga tgctggacct tcaaaataac 180
 tgaaaaaaga accaagaaaa ggcggtttttg ttttcaacaa actttactaa ataaccctgg 240
 aaaggcaatg aacgatctga caattttaagc tctaattgatt taaagctcag ctagaagaaa 300
 gtgaggcatg acatatactg tcaacggagg gtgaaggagg canattttctg gaaatgcaat 360
 gatcccacca tttgcttcaa ngagaaacct gcanacatat tttcangtct tgntaagtta 420
 caactgtnta tttgtaatca atcatttngg aaaagtctgc tatgtaactt angncactgt 480
 gccccnacc accgatgaaa aggaaaaacc cctgacacca ggaaaatcct tccatcctca 540
 aanaaattaa gngaccaacn tttaaagaaa aaaaatnanc ccnctctnt ttacaaatnt 600
 ttentccaaa tnttcn 616

<210> 174
 <211> 631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 174
 ggtacgctggg gacacgcacg ccgggcgtgc cagtttataa agggagagag caagcagcga 60
 gtcttgaagc tctgtttggt gctttggatc catttccatc ggtccttaca gccgctcgtc 120

agactccagc	agccaagatg	gtgaagcaga	tcgagagcaa	gactgctttt	caggaagcct	180
tggacgctgc	aggtgataaa	cttgtagtag	ttgacttctc	agccacgtgg	tgtgggcctt	240
gcaaaatgat	caagcctttc	tttcattccc	tctctgaaaa	gtattccaac	gtgatattcc	300
ttgaagtaga	tgtggatgac	tgtcaggatg	ttgcttcaaa	agtgtgaagt	caaatgcatg	360
ccaacattcc	agttttttta	gaaagggaca	aaaggtgggt	gaattttctg	gagccaataa	420
ggaaaagctt	gaagccacca	ttaatgaatt	aatctaatac	tgttttctga	aaacataacc	480
accattggct	atttaaaact	tgtaattttt	ttaattttcc	aaaattttaa	tttgaanact	540
taaccccant	tgccatntgn	gtgacaataa	aacattatgc	taccntttt	aaaaaaaaaa	600
aaaaaaaaaa	agtctgccc	ggcgccctc	a			631

<210> 175
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 175						
acgaacctac	agtttttaact	gtggatattg	ttacgtagcc	taaggctcct	gttttgcaca	60
gccaaattta	aaactgttgg	aatggatttt	tctttaactg	ccgtaattta	actttctggg	120
ttgcctttgt	ttttggcgtg	gctgacttac	atcatgtgtt	ggggaagggc	ctgcccagtt	180
gcactcaggt	gacatcctcc	agatagtgtg	gctgaggagg	cacctacact	cacctgcact	240
aacagagtgg	ccgtcctaac	c				261

<210> 176
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 176						
cgagggtactc	tgcctttttag	gagatgaggt	aagacatata	catagatggc	ttttactagc	60
caaggcaatg	taaatggact	aagattctca	tgtgacttga	ggttatctga	tgaatttatt	120
ctcttcaaaa	ccacctacct	ttagagggca	tgtttaaccc	ctctctttat	ttaaggaggg	180
agagaaaaac	acatgtaacc	agaattcaga	gtgggttact	caacctaaga	gaacatacgg	240
agttctcttt	gggaaaacaa	caagactaca	gtgttcactt	cgcaccatga	agtggcactc	300
ctgttatggc	tgtcagagtc	ctctcacttc	ttatgaaagg	atgcactctga	ttctgaaatt	360
actgatatat	tcgatcagtt	anggatgttt	taaaaagtga	aaacaaatgc	cacacataca	420
ctttctagct	ttcttgaaat	cacccgacac	attccaaaaa	tagagaattc	cctattactt	480
ttagagaaat	ttccatatan	tcttggtnaa	gaanccagtt	gngcntattc	caatttcagg	540
gtcttggttt	ttgcccaaac	ccaagtgttt	centntttta	nggcttttca	tggccgattt	600
naaaccttnt	ttgtgg					616

<210> 177
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(632)

<223> n = A,T,C or G

<400> 177

cgaggtagag	gtcagagtct	tctttttcttt	tcttttttgag	atggaggtctt	gctctgtttgc	60
cagactggag	tgcagtgggtg	cgatctgggc	tcactgcaat	ctccacctcc	cgggttcaag	120
cgattctcct	gcctcagcct	cccagagtaac	tgggactaca	ggtgtgcgcc	accaagccca	180
gctcattttt	gtatttttag	tanagatggg	gtttcacggg	gttggctagg	atggtctcga	240
tctctgggtca	gaagtctttt	ctgtaaatat	ccttggtaaa	gaagcaattt	tagactgtag	300
ctgttgcaaa	tgctttaagg	aagaagcaaa	acaactgtca	gtcttcctga	aatgaaaaaa	360
ctacaccagg	gctgctatat	caaagcaacc	ccaaccagca	cttcaatcat	gatgcccaca	420
gtggcccccac	tgagaaacca	agaaaagttn	cagatacaaa	actgngatgc	tcttgctatg	480
gnaatattgc	nggcngtanc	caagttagaa	accaaacaag	cntanggccc	cgttnttttt	540
tggcgtgatt	ttggcaanaa	aaaaaactgg	gngngtggtg	ngggttccca	ttgtaccccc	600
aaaaaacttn	gggatggggt	aaagcccng	gc			632

<210> 178

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 178

actttntttt	tttttttttt	tttttttttg	ggatttagtt	tttatttcat	aatcataaac	60
ttaactctgc	aatccagcta	ggcatgggag	ggaacaagga	aaacatggaa	cccaaaggga	120
actgcagcga	gagcaciaag	attctaggat	actgcgagca	aatgggggtg	aggggtgctc	180
tcttgagcta	canaaggaat	gatctgggtg	ttaagataaa	aaacaagtca	aacttattcg	240
agttgtccac	agtcagcaat	ggtgatcttc	ttgctggtct	tgccattcct	ggacccaaag	300
cgctccatgg	cctccacaat	attcatgcct	tcttttactt	tgccaaacac	cacatgcttg	360
ccatccaacc	actcaatctt	ggcagtgcag	atgaaaaact	gggaaccatt	tgtgttggtg	420
ccaacatttg	ccatggacaa	aatccangac	ccgtatgctt	taagatgaaa	ttctcatttc	480
aaattttctt	ccataaatgg	acttgccnca	tgccatnttg	ggtgtgaagt	nccnccctgc	540
ncataaccct	ggaatatatt	tgaaacagaa	cctttttacca	atcntttttt	catgttaaaa	600
acnaaaattt	t					611

<210> 179

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 179

acctcaattt	tatcatttta	gagtatttgt	tagaatagga	tctctccaaa	atcaaacagg	60
atcaatctgg	tcacgtctaa	tcctaagaca	aaacactatg	taaaattttc	ctgtatctaa	120
atgttgccct	ctaggtaaat	ctgtgatatt	ttagagactt	tcttttgtgg	aaaaggtaat	180
ctgataaatg	ggaagagatc	atcagacaag	ttcacaataa	accattattt	ctgcagaatt	240

cagttgaagt	tgggtttttt	taaatgctta	ttgggaattt	ctaaagcact	gacttggaga	300
ggccaagagc	ctccatcaat	ccctgcttgg	atagccactc	ccgttactac	tgctaggtca	360
gggtctacag	atgtgttggg	atcttttcca	aagaactctt	gaatgacttg	acggatccga	420
ggaataccaa	tggagccccc	aactaaaacc	acctcatcaa	tctcagtctt	ttncaggtgg	480
nctttctcaa	tctcctgaat	gggacctcgg	ccgcancach	ctanggcgaa	ttccacacct	540
ggcgcccgta	ctaattggatc	caactcgnac	caacttgggg	aacatggcta	gtnttcnngg	600
ggaaatggtt	c					611

<210> 180
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 180

acccttaaac	tggcaggaca	tttttgaat	cacaaatttg	cacataaaga	atgtcacgaa	60
cagccatgta	tccatataca	gcaatcaaat	aaggaactta	tgacctaaag	caaaggtaaa	120
ctttcttgaa	acttaacatt	ctataccaac	taggcaacct	ctgcccagga	tgagagttgg	180
atTTTTTcaaa	aacctcta	ttaatagtgc	agcatttcgt	tttccctgat	ggcctgtgtt	240
tcacagcagt	ttttaaaaac	tgcttgttca	actatagctg	cagcctatat	cccagctatg	300
gaaaaaaaaag	taaatcttag	ttcaattttt	gccagttgtt	tctgtattta	aattttaaaaa	360
aaaacacact	tccgctgggc	aggttttagag	ggttattatc	aagtctgtgc	ataactaaaa	420
gttcaaagca	aattcaattt	tgcttaangg	aacattgnna	aagnacaatt	cttgggnanta	480
catgcctcgt	tgatccattt	naancatana	aaattcaccc	ttgtgtactg	gttcaagaaa	540
aaaaccgatt	tgacagttaa	acatnttaaa	anccccaacc	tntgaagttc	aaccaaactg	600
ganttttgtt	cctcgcccca	c				621

<210> 181
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 181

cgagggtacag	accagagaca	aagcaagaga	agaagcagag	actgttggcc	cggggccgaga	60
agaaggctgc	tggcaaaggg	gacgtcccaa	cgaanagacc	acctgtcctt	cgagcaggag	120
ttaacaccgt	caccaccttg	gtggagaaca	agaaagctca	nctgggtggtg	attgcacacg	180
acgtggatcc	catcgagctg	gttgtcttct	tgccctgccct	gtgtcgtaaa	atggggggccc	240
cttactgcat	tatcaangga	aaggcaagac	tgggacgtct	agtccacaag	gaagacctgc	300
accactgtcg	ccttcacaca	ggtgaactcg	gaagacaaaag	gcgctttggc	taaactgggtg	360
gaagctatca	ggaccaatta	caatgacnga	tacnatgaga	tccccctcct	gggggtggcaa	420
tgtcctgggt	ctaaatctgt	ggcttgtatn	gccaaacttcn	aaangcaaag	cttaaaaact	480
tgcnccttaac	tngggtnaat	gtactncccc	gcggccgcttg	aanggcaatt	caacacattg	540
cggccgtcta	atggntcanc	ttggnccaa	ttgggnaana	tggnaaanann	ttcttgggna	600
attttn						606

<210> 182
 <211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 182

ggtactcata	aaaaaagtct	tacccccaaaa	ttgcaaacaa	atacattaaa	agattagaag	60
aggtgataga	aagcaccaga	cattaaacaa	aataaaaata	ataaaaataa	ttcaactcaa	120
aaggtcccca	ttcagcaa	actttgtaaa	gtatggcctg	tatgtaaata	gtgctaaatc	180
aaggactttt	tagcagaaaa	ttgctcgggt	cttttatcta	aggcttgaat	ttgtaaagtg	240
aaggcataaa	agttaccaaa	cattaagtaa	ctcttaaaat	ggcacacagg	ttttaaaagct	300
attgggtttt	ccttcctaac	tctctgaatt	tttcccatgg	cctttgtaga	tcaactat	360
caaacgtatt	ttacaccagc	aactctcaac	atacttgtct	ttcagatatg	tcatcagtea	420
tgtctaacag	gccaatagcc	aaataacnga	tttaaaacaa	tncttaacta	gctagcagga	480
cattactttg	gatctgctta	ctgcaactga	ctattttgtaa	gcttaaaatc	antttaatcc	540
tgatacagaa	acctcatctg	cncatacatt	actttggcct	tcaaccttta	aaaatactta	600
atcccccgnc						610

<210> 183
 <211> 608
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 183

cgaggtactt	tttttttttt	tttttttttt	tttttatatt	tttttttttt	tttttttttt	60
tttttttggg	agncagctnt	ttaattaggn	tcttaaaaca	tttaaaacnc	caatttgnga	120
ggataaattc	cattcgctcan	ancaaaacnca	aatcgcaggt	anccctggan	ctgaggaata	180
nctttgattt	ttggnaaaat	ttgngagtc	acagctttnt	gatcaatntt	gcncctgctcc	240
gnaatctcat	atttctnttt	ttctgngncg	aaaatctcac	cttcctggng	tntgggcttc	300
cgcagcttnt	tntttttgaa	gtaagcatca	ataaaaangtt	ttgggatttt	tacattgctg	360
aaatccattt	tgggtgaagg	ggcaatgaca	aatttntngn	gtnttctttt	taaaagaacc	420
tcattggggg	ccnaaggnc	cncccaaatt	ataaaaccct	ttccccctgg	tttangnaaa	480
ccccctttg	ccctgngggg	nccangagga	taaaanaaagg	ccccggggaa	gctggcccca	540
ntttttcccg	ccgncgaagg	gttttgccgg	ctaaaanttt	tngggcattt	nnngggnaat	600
tttggtt						608

<210> 184
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 184

acagccctga	tgcaaagttt	cagagcatga	ccagcaagtg	gccagctgtg	tgggtcaaga	60
tcagctccag	ctgggtctgc	ctcctgcttt	acgtctggac	ccttgtggct	ccacttgtec	120
tcaccagtcg	ggacttcagc	tgaacctctg	agtgccaaag	acaccactgg	aactcacaaa	180
ggtctccttc	accgaaaacc	catatacctt	ttaagtttgt	ttcaactaaa	atattaagtg	240
aatgctttgc	aagtttgact	gtatgcaggt	ttatatcaag	aaggtgagat	tgaataatgc	300
ttgatgcaga	atcgaaactt	ctcattttatc	tgnatattat	gtttacttct	aaggatatag	360
cacaaaggga	acattttttg	tttaaagtga	actacagctg	tgctgtgaag	agagttcttt	420
ataaagcctg	taggtctttt	aactttgggt	aaaatgtaag	ataggaaaat	gttggatatt	480
tgaggcntgc	ctaatatatt	tatattggag	natcctttna	aagccaaaaa	aaaaaaaaaa	540
aaaaaaaaag	nccttggccg	gaccncccta	aggggaattc	cacncactgg	gggccgtntt	600
atggatccaa	ctcgnacca	ct				622

<210> 185
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 185

acgcgggggac	agtcccaccc	tcacacgatt	ctttaccttt	cacttcatct	tgcccttcat	60
tattgcagcc	ctagcagcac	tccacctcct	attcttgcac	gaaacgggat	caaacaaccc	120
cctaggaatc	acctcccatt	ccgataaaat	caccttccac	ccttactaca	caatcaaaga	180
cgcctcggc	ttacttctct	tccttctctc	cttaatgaca	ttaacactat	tctcaccaga	240
cctcctaggc	gacccagaca	attatacctt	agccaacccc	ttaaacaccc	ctccccacat	300
caagcccga	tgatatttcc	tattcgcccta	cacaattctt	cgatccgtcc	taacaaacta	360
agaggcgctc	ttgccctatt	actatccatc	ctcatcctag	caataatccc	atccttcata	420
tatcccaaca	acaaagcata	atatttcgnc	cactaagcca	atactttatt	gattctagcc	480
ggagacctct	nantntaacc	tgatcggag	gaaaccagta	gctacccttt	accaatantg	540
ganaagaaga	tcgnaccttg	gcgggacacc	ttangggaat	tcaaccactg	gnggcggtat	600
atgggacccn	ccng					614

<210> 186
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 186

ggtactgatt	ttaaaaacta	ataacttaaa	actgccacac	gcaaaaaaga	aaaccaaagt	60
ggtccacaaa	acattctcct	ttccttctga	aggttttacg	atgcattgtt	atcattaacc	120

agtctttttac	tactaaactt	aaatggccaa	ttgaaacaaa	cagttctgag	accgttcttc	180
caccactgat	taagagtggg	gtggcaggtg	ttagggataa	cattcattta	gccttctgag	240
ctttctgggc	agacttggtg	accttgccag	ctccagcagc	cttcttgccc	actgctttga	300
tgacaccac	cgcaactgtc	tgtctcatat	cacgaacagc	aaagcgaccc	aaaggnggat	360
agtctgagaa	gctctnaaca	cacatgggct	tgccaggaac	catatnaaca	atggcagcat	420
caccagactt	naagaattta	agggcatctt	ccacttttta	ccaaaacngn	gaacaatctt	480
tttctttact	taacnaacnt	gcttccatgg	gagccgggng	naatccaatc	aagggcataa	540
cccgggcctt	atttggcnng	atgggtcang	gnaatanctt	gaccaggaaa	cccctgnttc	600
cttgggggga	antttgttgn	nccccac				627

<210> 187
 <211> 256
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 187						
ggaccttttt	tttttttttt	tttttttttt	ggaaaagaaa	ggccttacat	atttattact	60
gaatccagcc	aaccaacgtg	ttcataacag	attcagagag	gaaaacacgt	cgaaatctcc	120
anatagtgg	gacattttca	gcttgatgat	gtaacatgat	cgtgaccttc	anacagcata	180
aatatgtgtg	ccatctcatg	tgcaattcct	tatanaccca	gcttggttct	tctccaatgt	240
ctccttttgg	agttgt					256

<210> 188
 <211> 523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 188						
ggtaccacct	acacccaaca	agtcaatgag	ggacttcttt	ttaatttggt	aggattttga	60
ctgggttttg	aacaataggt	ctattattag	agtcacctat	gacaaaaaat	aggggttacc	120
tagataatgc	caaagtcagc	atttgtcctg	ggttcccttg	tgtgatctgt	ttggactatg	180
ttttcttttc	ttctcccact	tgctcagcag	cttgggcttc	cattctagct	cttttaccac	240
gatttttgtg	tgaccatggt	gacttcattt	ggattgccct	ctttcaattt	ccttggtgaaa	300
acacccttaa	ctttctcttt	acccttagct	gaaatgttta	cataacttct	ggtgatctct	360
tttcatgatt	ttatatctct	taaaatgggtg	atggatgtga	cacctcataa	aagtgcagctt	420
tgaactgtag	ataactctta	aagaaaatgt	catttttanac	aattaaaata	tttgtgctca	480
aaaaaaaaaa	aaaaaaaaaa	gtcctgcccc	gcggccgctn	aan		523

<210> 189
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 189

acaatttaaat	ttttctgctt	gccaagaaa	caaagcttct	gtggaaccat	ggaagaagat	60
gaaaatgaga	ctggcaaaga	acaaatgctg	aatctgaaga	agaggacaac	tttgggcaaa	120
taatctgcat	actttttaatt	gggaataaga	tggaaaatat	gaatgctaaa	tcaaattttt	180
taaaaaatac	accacacgat	acaactcaat	acaggagtat	ttcttctcaa	attcttctag	240
caccatcaac	attcttcaag	tatctgaaat	actattaatt	aagcaccttt	gtattatgaa	300
caaaacaaaa	caaggacctc	agttcatctc	tgtctaggtc	agcacctaac	aatgtggatc	360
acactcatgg	gaaagtgttt	tgaggtagtt	taaacctttt	ggaagggttg	gttttaaact	420
tccctctgtg	gaagatatca	aaagccccaa	gtggtgccaa	atgggttatg	ttttattttt	480
caattttaat	ttgggtttct	tccaaagggtg	acatttccat	acaaggggaa	gggggtggaa	540
aaaaaatcaa	attttggggg	accagggagg	ataatnaact	gtttgcaatg	cttgacaacc	600
tttttttttt	gnccaantaa	ca				622

<210> 190
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 190

accactaata	gggtgtatct	cagaaactga	attgaaataa	gggaaaatag	gattttctgt	60
cctgggtttt	gaagattggt	cttgattccc	ttgattccca	ggagagattc	tctgacattc	120
acgtgtcagc	cactttggca	cggagacctt	acagtgtggg	gaaccaaacc	ttcgtgtctc	180
ctctttcccc	gatgccatca	gcatagactt	gacttcctta	aaccgagagt	tttgatgtgg	240
ccttggcaac	cctaaaatca	gctgtgtagg	gtaacaaaac	tcaggctttc	tggtgatgac	300
atcgagatgg	tgtcacttaa	aagagccaag	attcctgttt	tcagtgtgtg	gattcatcct	360
gctgggttta	cttttagtccc	tccatgtcaa	agtgggcctg	agaaaagctc	atacatgcct	420
catgtgaagt	gtccaccccc	tctgaaaatc	tttcttgttc	aaaacancna	cgacatatct	480
tggttaacttt	tacgggtgact	tttggangag	gggagtttgg	aaattgtaaa	atgttatana	540
tggtgcctat	ttcctgtctga	angaaatgtt	ttaaaaagnn	tntntaancn	taatcnaatg	600
gttgggggggn	gaccttctac	cnaanntn				628

<210> 191
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 191

ggtacagccc	tcaatctggt	cttcaagctc	aagaacttca	agacagctgc	cacctttgct	60
------------	------------	------------	------------	------------	------------	----

cggcgcctac	tagaactcgg	gcccaagcct	gaggtggccc	aacagaccgg	aaaaatcctg	120
tctgcctgtg	agaagaatcc	cacagatgcc	taccagctca	attatgacat	gcacaacccc	180
tttgacattt	gtgctgcac	atatcgcccc	atctaccgtg	gaaagccagt	agaaaagtgt	240
ccactcagtg	gggcctgcta	ttccccctgag	ttcaaaggctc	aaatctgcag	ggtcaccaca	300
gtgacagaga	ttggcaaaga	tgtgattggg	ttaaggatca	agtcctctgc	agtttcgcta	360
aagccccctt	tgtgtgcatg	ggtcaagtca	ccatatgttc	cccccaaaaa	atgtgtctat	420
atctccttct	aacaacacct	tccccctgcac	tactcttcaa	atctngctct	ntgt	474

<210> 192

<211> 234

<212> DNA

<213> Homo sapiens

<400> 192

acgcgggggt	tgggtgagtgg	gtcctaccg	accgaggttt	aggcagcgcg	gggagctttg	60
cgggttgcca	tttgtaactc	cggatcctaa	aattcctgtc	ctgttctctg	tctcttctag	120
gttggggggc	gtcccgcctc	taaggcagga	agatgggtggc	cgcaaagaag	acgaaaaagt	180
cgctggagtc	gatcaactct	aggctccaac	tcgttatgaa	aagtgggaag	tacc	234

<210> 193

<211> 367

<212> DNA

<213> Homo sapiens

<400> 193

ggtaccaata	ccaccaattt	tgtagacatc	ctggagaggg	aggcgcaagg	gcttgtcagt	60
tggacgagtt	ggtggtagga	tgcagtcacg	agcctcaagc	agcgtgggtc	cactggcatt	120
gccatcctta	cgggtgactt	tccatccctt	gaaccaaggc	atgttagcac	ttggctccag	180
catgttgta	ccattccaac	cagaaattgg	cacaaatgct	actgtgtcgg	gggtgtagcc	240
aattttctta	atgtaagtgc	tgacttcctt	aacaatttcc	tcatatctct	tctggctgta	300
gggtggctca	gtggaatcca	ttttgttaac	accgacaatt	agttgtttca	caccagtggt	360
cccgcgt						367

<210> 194

<211> 613

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(613)

<223> n = A,T,C or G

<400> 194

ggtactcttg	gtttgtcaat	gggactttcc	agcaatccac	ccaagagctc	tttatcccca	60
acatcactgt	gaataatagt	ggatcctata	cgtgccaaagc	ccataactca	gacactggcc	120
tcaataggac	cacagtcacg	acgatcacag	tctatgcaga	gccacccaaa	cccttcatca	180
ccagcaacaa	ctccaacccc	gtggaggatg	aggatgctgt	agccttaacc	tgtgaacctg	240
agattcagaa	cacaacctac	ctgtgggtggg	taaataatca	gagcctccgg	tcagtcccag	300
gctgcagctg	tccaatgaca	acaggaccct	cactctactc	antgtcacia	ggaatgatgt	360
aggaccctat	gagtgtggaa	tccanaacga	attaagtgtt	gccacagcga	cccagtcatt	420
ctgaatgtcc	tctatgncca	gacgaacccc	catttccctt	cataccctan	taccgtcaag	480
ggtgaacctt	agctttctgc	atgcagcttt	aaccactgcc	agtttcttgn	tgatgatgga	540

catcacacca cacaagactn ttatttcaca tactgagaan aaagcgactt ntactgcagg	600
cataactanc ngg	613

<210> 195
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 195	
acgcggggcgc cagagtcctt gaactctcgc tttcttttta atccccctgca tcggatcacc	60
ggcgtgcccc accatgtcag acgcagccgt agacaccagc tccgaaatca ccaccaagga	120
cttaaaggag aagaaggtga tgggtaggaa gaggatggag atgaagatga ggaagctgag	180
tcagctacgg gcaagcgggc agctgaagat gatgaggatg acgatgtcga taccaagaag	240
cagaagaccg acgaggatga ctagacagca aaaaaggaaa agttaaacta aaaaaaaaaa	300
aggccgcccgt gacctattca ccccttcaact tccgtctnaa aatctaaacg tggtcacctt	360
caataaaaaag gccccccgcc cccngggcag tgccccccca aaataaacgc gctttcacca	420
ccaaccaaac atgaaaattt tccacaaggg anggaaaaaa aaccaaactn ccaaggcctn	480
ttttttttta aaatactngg ccgcgaccac cctanggcga attccanacc tggcggccgt	540
nttatggatc cnactcggac caacttgggn aatatggcat antggttctt ggngaaatgt	600
atccctccat tcn	613

<210> 196
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 196	
gcggngggcnn ggccgacggn ctcacatgat ttgttcggtc agcccttccc taattacacc	60
tatccnctac acatacatgc acatagacac acnctgaac nactgaana tatttccttc	120
aggtgtgtgt aaaatatgct gcttggattg aaattcannt gggattgatt agncaagtan	180
cttganacct cacagtaatc ttcacacttn nccttacaca cctatgcagg catgttggga	240
gcangttaca atgttacttc agcccacagt ttatttctat acttgagtgc ttaagt	296

<210> 197
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 197	
acatggagga gaatgaccag ctcaagaagg gagctgctgt tgacggaggc aagttggatg	60
tcgggaatgc tgaggtgaag ttggaggaag agaacaggag cctgaaggct gacctgcaga	120
agctaaagga cgagctggcc agcactaagc aaaaactaga gaaagctgaa aaccagggtc	180
tggccatgcy gaagcagtct gagggcctca ccaaggagta cc	222

<210> 198
 <211> 539
 <212> DNA
 <213> Homo sapiens

<400> 198

cgaggtacta	catatttcag	cactaaggcg	gttgcttcac	tttatatcta	tataaaaaaa	60
gtggtaaaaa	tcttttcctt	ttgtgcagtt	gaacccatcc	tacattcaga	ttctctcaag	120
cactaataaa	atacttattt	ggttgaggaa	gatttaaggc	aagttcgggc	ccttccaaag	180
gcactgtgag	actccccccc	cactccccgt	tattgctaca	tgtctttata	ctcgagtatg	240
tcacagtaga	actgggtggaa	taagcaaaca	cttttttgct	agttttataaa	gttgggaatta	300
gaaaagcatg	ccacatttca	gcctgattgc	aaagtatgtg	gtcatttttt	tctttgaagt	360
tggatgggct	acaaccttta	tacattctaa	gaaaactcat	aggatgttcc	tcaaactact	420
tccacagcat	caagatcgat	ttctgtcaag	aaatcatgca	atctttcaaa	atttacgtaa	480
acaaggaaag	aaattaatga	aataaatatt	acatacaatc	tcttaaatta	agaatttgt	539

<210> 199
 <211> 626
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 199

cgaggtacaa	gatgtccaaa	tattgcgaag	atctatttgg	ggatctcctg	ttgaaacaag	60
cacttgaatc	acatccactt	gaaccaggca	gggctttgcc	atcccccaat	gacctcaaaa	120
gaaaaatact	cataaaaaac	aagcggctga	aacctgaagt	tgaaaaaaaa	cagctggaag	180
cttttgagaag	catgatggaa	gctggagaat	ctgcctcccc	agcaaacatc	ttagaggacg	240
ataatgaaga	ggagatcgaa	agtgtcgacc	aagaggagga	agctcacccc	gaattcaaat	300
ttggaaatga	actttctgct	gatgacttgg	gtcacaagga	agctggttga	aatagcgtca	360
agaaggcttc	agatgacctt	gaacatgaaa	acaacaaaaa	gggcctggtc	actgtagaag	420
atgagcaggc	gtggatggca	tcttataaat	atgtaggtgc	tccactaata	tccatncata	480
tttgtccaca	atgatcaact	acgcccacct	gtaaagggtc	aagggttncat	gtggcagaag	540
aaccncatat	tcattataca	tggettcttt	tatgaatant	cggccttggt	tcttgaancc	600
cttgcaatga	atttgnaatt	ntacca				626

<210> 200
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 200

actcataaaa	aaagtcttac	cccaaaattg	caaacaaata	cattaaaaga	ttagaagagg	60
tgacagaaag	caccagacat	taaacaaaat	aaaaataata	aaataaattc	aactcaaaag	120

gtccccattc	agcaaatact	ttgtaaaagta	tggcctgtat	gtaaatagtg	ctaaatcaag	180
gacttttttag	cagaaaattg	ctcggttctt	ttatctaagg	cttgaatttg	taaagtgaag	240
gcataaaaagt	taccaaacat	taagtaactc	ttaaaatggc	acacagggtt	taaagctatt	300
ggtttttctc	tcctaactct	ctgaattttt	cccatggcct	ttgtagatca	actatttcaa	360
acgtattttta	caccagcaac	tctcaacata	cttgtctttc	agatatgtca	tcagtcagt	420
ctaacaggca	aatagcanaa	taacagattt	aaaacaatcc	ttaactanct	agcaggacat	480
ttactttgga	ttctgcataa	ctgcaaactg	acatatttgt	aaagctaaaa	atcagtttaa	540
tcntgattac	agaaactcta	tcatgctcat	tacttaacta	ttgnccctca	atcgctattn	600
aaattcactt	aatccaat					618

<210> 201
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 201						
ggtactaggc	acaatagaac	atacagaaaa	cattgtccct	gctcttgagg	agcttacatt	60
ctaaaagaaa	aaatacacct	tttttaaaat	ggcatttttg	tttgggtgtt	tctgcaaagt	120
acgcggggct	ttttcttttt	gaggaagacg	cggtcgtaag	ggctgaggat	ttttgggtccg	180
cacgctcctg	ctcctgactc	accgctgttc	gctctcgccg	aggaacaagt	cggtcaggaa	240
gcccgcncgc	aacagccatg	gcttttaagg	ataccggaaa	aacacccgtg	gagtcggagg	300
tggcaattca	ccgaattcga	atcaccctaa	caagccgcan	cgtaaaaatcc	ttggaaaagg	360
tgtgtgctga	cttgataaga	ggcncanaag	aaaagaatct	canagtgaag	ggaccaagtt	420
ngaattgccta	ccaagacttt	gagaatnact	acgaganaaa	ctccttgtgg	tgaaggctca	480
agacgtgggn	tngnttccag	atgagaattc	acaagcgact	tattgacttc	acaagtcctt	540
ntgagattgt	tangctgatt	acttccttna	ntatganccn	ngaatttaag	ngggangtna	600
centncagan	gnttagtttna	ctattttt				627

<210> 202
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 202						
actgcttaac	gaaacactat	cagcttggtt	taaatggatc	ttttaaatat	caactgtagc	60
ctggttggct	aattctttct	aatcttcccc	attactttcg	cctagatttc	ccatagatca	120
acaggcatag	taaaatgcct	catcagaaca	cacttctcca	cacaattcaa	aaaggagct	180
cctgtgggct	caaagcaacc	atcagtcag	caatgccc	gatttatctg	aaactgcttc	240
ccaagagaca	ggagtgcaga	tctgagtagc	tgtgctgcca	atacagatag	gttttagcact	300
agatatttag	tgattgtggc	aaggaagaat	cggatgatgat	gggggtgggtg	ggtgaaggaa	360
gggccagggg	atctgaagga	tcttcagttg	ccttctcctg	cttcttcctc	ctgctggctc	420
ctcgccana	gggtgaggtt	gtctcgcagc	aactgcatga	tcagcgtgga	gtccttatag	480
gaatcctcgt	ttagtgtgtc	cagctcagct	atggcatcat	cgaaggcttg	tttggctaaa	540

agcangcttg ctcangtgca ttctggatct catagtagaa caccggagaa ntganggccca 600
ggcccaaccg gatnggatgc 620

<210> 203
<211> 577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 203

ggtacttttt	tttttttttt	tttttttttt	tttttttttt	tttttttttt	tgaaaaagtc	60
atggaggcca	tgggggtggc	ttgaaaccag	ctttgggggg	ttcgattcct	tccttttttg	120
tctaaatttt	atgtatacgg	gttcttcnaa	tgtgtggtag	ggtggggggc	atccatatag	180
tcactccagg	tttatggagg	gttcttctac	tattaggact	tttcgcttcn	aagcgaaggc	240
ttctcaaata	atgaaaatta	ttaatattac	tgctgttaga	naaatgaatg	ancctacaga	300
tgataggatg	tttcatgtgg	ggtatgcatc	ggggtantcc	gagtaacgtc	ggggcattcc	360
ggataggccn	agaaagtgtt	ntgggaanaa	agttagattt	accccgatga	atatgatagt	420
gaaatggatt	ttggcgtagg	tttggcttag	ggtgtancct	gagaataggg	gaaatccgtg	480
aatgaaacct	cctatgatgg	caaatacact	cctattgnta	ggacataatg	ngaagtgagc	540
tacaaccgta	atacctgccc	nggcngggccc	ttannan			577

<210> 204
<211> 629
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 204

cgagggtactt	gttttttttt	ttttttttga	gaaggagtct	cagtctgtca	cccaggctag	60
agtgcagtgg	cacgacatcg	gtcactgca	acctccgcct	cccgggttca	agtgattctc	120
ctgcctcaac	ctcccagagta	gctgggacta	caggcatgtg	ccaccacgcc	tgactaattt	180
ttgtattttt	agtanagatg	ggatttcatt	atgttggcca	gctggtcttg	aacttctgag	240
ctcaggtgat	ccaccgcgct	tagcctncca	gagtgttagg	ataacaggca	tgagccgtcg	300
cgcttgcca	aaatagcata	atgttttaag	aaagtttacg	aatttgtctt	gggccacatt	360
naaaaccatc	atgggccaag	ggttggaaca	gctagcctta	ggtcatgtca	gaatgcaatt	420
taacaggaat	ttcaagcnaa	acttacaata	aattaaatcc	acaaaaaaaa	tatcatttgg	480
taaatgcact	gnctacacac	tttactncta	agtccattca	accatgacga	ccctttacat	540
aaaaattagg	gcatttctccc	aagttctaaa	gatgatttct	aaaacattac	caangnctaa	600
agtctaattc	ccacaaanca	ttttttttn				629

<210> 205
<211> 424
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 205
 ggtacaaatg cttttatatt cagccctgt aaagccatca gatgtttgaa agttttttaa 60
 cacgaaccaa aggggtttaat tttaagaact tagctaggaa tgggtgaaat cctacccaat 120
 taatagagtt ctgcaaatta gtaacaaagt gtaaaatgaa aggaagggtc ccttgagat 180
 gtgaaattct tctattgaga gtccctgtctt ctttattcaa gaagtttgta gccattttca 240
 gaattcactc aagaaccaac ttcttaattt agatatcagc gaacaagtca tggcaaaaaa 300
 tacacaaaga gaaacaccac cacatcgaaa aggatgaaaa gccagaggtc caaccagtan 360
 gagtgttttg gaagcccatt tgccccagac tgaggcctca catcgaagtt ctgcctcccc 420
 gcgt 424

<210> 206
 <211> 633
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 206
 ggtaccaatg gtgcctcctg gaatcaagta tctttacctt aggaataacc agattgacca 60
 tattgatgaa aaggcctttg agaatgtaac tgatctgcag tggctcattc tagatcacia 120
 ccttctagaa aactccaaga taaaaggag agttttctct aaattgaaac aactgaagaa 180
 gctgcatata aaccacaaca acctgacaga gtctgtgggc ccacttccca aatctctgga 240
 ggatctgcag ctactcata acaagatcac aaagctgggc tcttttgaag gattggtaaa 300
 cctgaccttc atccatctcc agcacaatcg gctgaaagag gatgctgttt cagctgcttt 360
 taaaggctctt aaatcactcg aataccttga cttgagcttc aatcagatag ccagactgcc 420
 ttctggtctc cctgtctctc ttctaactct ctacttagac aacaataaga tcagcaacat 480
 ccctgatgaa gtatttcaag cgtttaaatgc tttgcagtat ctgcgtttat ctcaaacga 540
 actggctgat agtgaataac ctggaaattc tttcaatggn gccatcctgg gtgaacctgg 600
 acttgccctat accagntaa aacataaccac cgg 633

<210> 207
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 207
 ggtacttttt tttttttttt tttttttttt ttagaaacta tggctcttta ttttcatgtg 60
 gataattcaa acaaagtcac tagtagtctt tgttcaattt ttttttaaaa aacaaaaaaa 120
 ccctcaaata aaaaatcttg ggcttaaaaag aactctatca caggagcctg gttggaggat 180
 tcctagtttt atacatgaga aatagaatgc agattttctt gaagagtgtt taaagaagga 240

atggtagttg	aggggggctta	tttcccaggc	tcaaagtgat	ttaggggttg	tgtcacagtg	300
ctaggtatag	ggtgatggac	agtgatcact	gccgagggcc	ttggaacgga	tcttgctgtc	360
acacaatgca	ggtaacagag	agtgggacaa	caaaaagtaa	tcaaggcgcc	aaccaacatt	420
cttggatcga	gcattcatat	ataagtccaa	aaggtgtang	cataaggtgt	gttgggggtan	480
aagtgcctaa	agctgcaacc	agtggcacan	cctgcagtaa	ttccccgaac	cttggccttt	540
tggggcgtga	anccnccatt	cttttggtnc	cctnggggtg	cnaaggcaat	ttttnatgtg	600
cccattgagg	gttcaaacac	aca				623

<210> 208
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 208

acgatgtcta	gtgatgagtt	tgctaataca	atgccagtca	ggccacctac	ggtgaaaaga	60
aagatgaatc	ctagggctca	gagcactgca	gcagatcatt	tcatattgct	tccgtggagt	120
gtggcgagtc	agctaaatac	tttgacgccg	gtggggatag	cgatgattat	ggtagcggag	180
gtgaaatatg	ccccgcgtac	ttgctttgaa	agattaccta	ctattttatg	ataaaatgta	240
gttgtctcca	gagcttaaat	ataatttgta	aagcacttgg	tttaaatttc	tctctaccta	300
taaacagttt	agcattaagg	gtttctatta	atgacacaga	attattggcc	aagtgttaatt	360
tcttaaaatt	tagcattact	ttaaatagcc	agcatgtaat	acaagtaact	acactacctc	420
atatctacat	gattttcaag	ttgtaatgca	gatggacaga	taaaaaagat	ttacgttgnc	480
ttttggccat	aagtgggaaa	agttttctgn	atattgcata	gcattacaca	tttatgccta	540
ttttacatta	acttctaaag	aagtttttct	aagaaaangg	ttcaggcaat	attttttgag	600
gctgccgaan	aaaaatgant					620

<210> 209
 <211> 624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 209

ggtactggta	caaaaacagg	cacataaacc	aatgaaacag	aatagaaagc	ccagaaataa	60
tgcttcaccc	ccacaacccat	ctgatcttca	acaaaataaa	caaaaacgag	ccatggggaa	120
aggactccct	attcaataaa	tggtgctggg	ataactagtt	aaccatatgc	agaagattaa	180
agctggaccc	cttccttaca	aaataaggag	ctggaccctt	tatacaaaaa	tcaactcaag	240
atggattaaa	gccttaaatg	tgaaactata	aaaccctgga	agacaacata	ggcgattcca	300
ttctagacat	cagaactggc	aaagatttca	tgaggaagac	accaaaagca	attgcaacaa	360
aagcaaaaat	tgacaactgg	gatataatta	agtttaagag	cttctgcaca	gcaaaagaga	420
gactatcagc	agagtaaaca	gaccacctac	agaatgggag	aaaatatttg	caaactatgc	480
atgtgacaaa	ggtctaatat	ctagcatcta	taagtactta	aacaaatttc	aacagaaaac	540
caacacccca	ttaaaaagtg	ggcaaggaca	tgaacaaatg	cctttcaaaa	gaagacatct	600
gcttntacag	tttntgaaac	aaag				624

<210> 210
 <211> 504
 <212> DNA
 <213> Homo sapiens

<400> 210

acgcggggca	gctagcagat	gcttttaggac	ctagtatctg	catgctgaag	actcatgtag	60
atattttgaa	tgattttact	ctggatgtga	tgaaggagtt	gataactctg	gcaaaatgcc	120
atgagttcct	gatatttgaa	gaccggaagt	ttgcagatat	aggaaacaca	gtgaaaaagc	180
agtatgaagg	aggtatcttt	aaaatagctt	cctgggcaga	tctagtaa	gctcacgtgg	240
tgccaggctc	aggagttgtg	aaaggcctgc	aagaagtggg	cctgcctttg	catcgggggg	300
gcctccttat	tgcggaatg	agctccaccg	gctccctggc	cactggggac	tacactagag	360
cagcggttag	aatggctgag	gagcactctg	aatttgttgt	tggttttatt	tctggctccc	420
gagtaagcat	gaaaccagaa	tttcttcact	tgactccagg	agttcagttg	gaagcaggag	480
gagataatct	tggccaacag	tacc				504

<210> 211
 <211> 619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 211

accatgaaat	atccagaaca	tacttatatg	taaagtatta	tttatttgaa	tccacaaaaa	60
acaacaaata	atttttaaat	ataaggattt	tctagatat	tgcacgggag	aatatacaaa	120
tagcaaaatt	gaggccaagg	gccaaagagaa	tatccgaact	ttaatttcag	gaattgaatg	180
ggtttgctag	aatgtgatat	ttgaagcatc	acataaaaat	gatgggacaa	taaattttgc	240
cataaagtca	aatttagctg	gaaatcctgg	atttttttct	gttaaactctg	gcaaccctag	300
tctgctagcc	aggatccaca	agtccttggt	ccactgtgcc	ttggtttctc	ctttattttct	360
aagtggaaaa	agtattagcc	accatcttac	ctcacagtga	tgttgtgagg	acatgtggaa	420
gcactttaag	ttttttcatc	ataacataaa	ttattttcaa	gtgtaactta	ttaacctatt	480
tattatttat	gnattttatt	aagcatcaaa	tatttgtgca	agaatttgga	aaaatagaag	540
atgaatcatt	gattgaatag	tattaagatg	tatagtaa	tatttatttt	ananattaaa	600
ngangtttat	taganaaan					619

<210> 212
 <211> 479
 <212> DNA
 <213> Homo sapiens

<400> 212

cgaggtaaa	agcagcaact	gcaataactca	aggttaaaac	attagaaaag	catttgtgtg	60
acaggatat	tacagtatta	tcaaaatatt	acattttcag	acttacttag	cagataatca	120
tccaccagag	cttaaactct	taaattattt	ccatagtctt	aaaaaatatg	taatgtcaga	180
atgcatataa	aaagaatgta	aaaggaaacc	taaaatacaa	atggaataat	gtaacaaata	240
aatatttgat	ttcagtaact	gttaataatc	agctcaacac	caccaattct	tctaaactca	300
atttaattct	tataggaata	atgaactgtc	aaatgccatg	gcataattat	ttattttcaa	360
gctatcatca	atgattagaa	ctaaaaaaat	tttggcataa	aaaaatcaca	attcagcata	420

aataaaagcta ttttttagctt caacactagc tagcatctctt aagaattggtt gaaataagt 479

<210> 213
<211> 487
<212> DNA
<213> Homo sapiens

<400> 213
actgtttact gcctggggcac tatacttttct atgcagatct cctttgtggg tttccagcct 60
gtccttttcat cagagcacat ggcagccttt ggggtctttg gtctctgcca gatccatgcc 120
tttgtggatt acctgctcag caagttgaat ccacaacaat ttgaagttct tttccggagc 180
gtcatctctc tggtaggctt tgtccttctc accgtgggag ctctcctcat gctgacagga 240
aaaatatctc cctggacggg gcgtttctac tcaactgctg atccctctta tgctaagaac 300
aacatcccca tcattgcttc tgtgtctgag catcagccca caacctgggc ctcatactat 360
tttgacctgc agctcctcgt cttcatgttt ccagttggcc tctattactg ctttagcaac 420
ctgtctgatg cccggatttt tatcatcatg tatggtgtga ccagcatgta cctcggccgc 480
gacacgc 487

<210> 214
<211> 393
<212> DNA
<213> Homo sapiens

<400> 214
cgaggtacaa tatgctgcag cataatttgt caggccaacc ttcacaccat attttggcag 60
ttcgtgtgca tacgtctgcg agactatcat atccccctct atacgggcat aagcaatctg 120
acaaatgata tctctgtttg tcacacgaac tatcatcctg tatttgggtg tgttgtatct 180
atttttatct tgtatcacca agcgtttccg agcataataa tcagttttac cctctcgtcg 240
tctttctaaat ttcacttggt atctcttaaa gtaggcctta ttcttaacaa ctttaacaaa 300
ccccatcctg cggaacagag accggcgtcc gctgctcgac agagacctgc aggccagcg 360
gcgctagggg gtgggaaaag ggccaccccc cgt 393

<210> 215
<211> 615
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (615)
<223> n = A,T,C or G

<400> 215
ggtacagtaa caagtgttgg cattatcagt tgaactgtaa atacaaaatg cttcttccaa 60
ttagtctcta tgatgattaa gtttctaaaa tttatctgaa caccattcag aaacttgttt 120
tggggaattt gatagttatt gatgtgcac tgttaaactg atgacagaca taactcatca 180
ttccccagaa accttttttg attacagtat ctaacatttt gctcctctt ttttggtttt 240
gctgggtata aaggttttgg ttggagaggg ctcaactggat cccaatcctt ggagctggat 300
cattggattc aaatcataat gtggatagga tagggaggat gaattaccag gattcatgga 360
gcgggatcag attaccagga acataggagt ggattcctgc ccaaccaaac ccgcattcgt 420
gtggattttt ttattcaact taattggcta ttccaaagat ttttttttcc tatttttgac 480
gaatggagcc cttaagatgc acgatggaat tgggtttgcg tttttggtaa aaggaccaa 540
ccaggcctgg agataacgct ggagcaatct cntggaagga ttagcccaa ttgatgggaa 600

<210> 216
 <211> 322
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 216
 ggtacttttt tttttttttt tttttttttt ttttttggag ttgtaggcaa atgtttaatt 60
 aattctgctc atatgcacat ctgaaagcat gagacacact ccacagacag cacgcactgg 120
 ggctggtggg gcanatgggc actcgccgat taggtattaa tgtcaataat acgtgcataa 180
 agtgctgata aaataactta agtgttacaa aaagagacag tccacggtgg ctgcaggcac 240
 atgcaggcgg gactgggtca aacactccag ggctgcacat gttccagctg gcctgagtcc 300
 gacacgtcat aactggcctt gt 322

<210> 217
 <211> 606
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 217
 acgcgggggg aagtgagcga cacactctgc gtcctcgctt caccagagtc ttgctgtgtg 60
 gccagggctg gagggtcccg ctggtctcaa attcctgacc tcaagtgate tccctcccaa 120
 agtggtgcca ttgcagggtg gagccactgc acctggctgc tgagaaatct ttgcctacag 180
 tgagggaaac tactaaagtt cctggggaag caaagtaaga atttcataag aacaaaatgg 240
 atggagagga gaaaacctat ggtggctgtg aaggacctga tgccatgtat gtcaaattga 300
 tatcatctga tggccatgaa tttattgtaa aaagagaaca tgcattaaca tcaggcacga 360
 taaaagccat gttgagtggc ccaagtcaat ttgctganaa cgaaaccaat gaggncaatt 420
 ttagagagat ccttcacatg tgctatcgaa agtattcatg nattttacgt accttggggc 480
 gcgaccacct taaggccaat tncacacact ggcnngccgt actantggat ccnactngga 540
 ccaacttggc gtaatcatgg catactggtt cctggggaaa atgtatccgt tacaattcnc 600
 acacan 606

<210> 218
 <211> 618
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

```

<400> 218
ggtactttttt tttttttttt ttttttttga gacggagttt ggcccttggt gccaggtg      60
aagtgaata gtgcgatctc ggctcactgc aacctccacc ttccgtgttc aaccgattct      120
cctgcctcag cctcctgagt agctgggatt acagatgaaa aaacatttaa agcccttaag      180
gaagaaggaa atcaatgtgt aaatgacaaa aactataaag acgccctcag taaatacagc      240
gaatgcttaa agattaacaa taaggaatgt gccatatata caaacagagc tctctgttac      300
ttgaagctgt gccagtttga agaagcaaag caggactgtg atcaggcact tcagctagct      360
gatgggaacg tgaaagcctt ctatagacga actctggctc ataaaggact caagaattat      420
cagaaaagct taattgatct caataaagtt atcctactag atccaagtat tattgaggca      480
aagatggaac tggaagangt aactagactc ctaatcttaa ggataagaca gcaccattca      540
acaaagaaaa ggagagaagg aaaatgagaa tcaagaggng aatgaaggca ngaggancct      600
ggaaaacctg agggggagg                                     618

```

```

<210> 219
<211> 613
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

```

```

<400> 219
ggtacaaagc ggatctgagc ccggaaaatg ctaagctcct cagcacattc ctaaatacaga      60
ctggcctaga cgccttcctg ctagagctgc acgaaatgat aatcttgaaa ctaaagaacc      120
cccaaaccga aaccgaggag cgcttcgcc ctcagtggag cctgagagac actctcgtaa      180
gttacatgca aactaaagaa agtgaaattc ttcttgaaat ggtatctcag ttcccagaag      240
agatactgct cgccagctgt gtctcagtgt ggaaaacagc tgctgtgctg aaatggaatc      300
gagaaatgag atagaattat ttcttcagct atctttggat gactttggag agaagactcc      360
tctctectcg tctgcggcgt ggacttgatc atggactggg gcctttgcat tcagaaggag      420
agctgtcagc gtagcaccga attcaagacc aaggcgtgct acctgagctg acagcttttt      480
gaaagccgag ctggttctga accatgtcct gccnngcng gcgctcgaaa gggcgaattc      540
agccactggc ggccgtacta ntggatccga actcggacca aacttggcgt aatatgggca      600
tactggttcc tgg                                     613

```

```

<210> 220
<211> 616
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

```

```

<400> 220
ggtacgcggg ggcagccgcg gtgttgtgct gtggggaagg gagaaggatt tgtaaaccce      60
ggagcgaggt tctgcttacc cgaggccgct gctgtgcgga gacccccggg tgaagccacc      120
gtcatcatgt ctgaccagga ggcaaaacct tcaactgagg acttggggga taagaaggaa      180
ggtgaatata ttaaactcaa agtcattgga caggatagca gtgagattca cttcaaagtg      240
aaaatgacaa cacatctcaa gaaactcaaa gaatcatact gtcaaagaca ggggtgttcca      300
atgaattcac tcaggtttct ctttgagggt cagagaattg ctgataatca tactccaaaa      360

```

gaactgggaa	tggaggaaga	agatgtgatt	gaaagtttat	cangaacaaa	ccgggggtca	420
ttcaacagtt	tanatattct	ttttaatnnt	ttcttttncc	tcaatccttt	tttattttta	480
aaaatagttc	ttttgtaatg	tgggtgtcaaa	acggaattga	aaactggcac	cccatctttt	540
gaaacatctg	gtaatttgaa	tctaattgctc	attatcatta	tggttgggtt	cattggcnga	600
atthtgggga	tcaanc					616

<210> 221
 <211> 615
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 221						
ggtacagtga	tagctcccc	tgggcaatac	aatacaagaa	cagtgggttt	tgtcaaattg	60
gaacaaggaa	acagaaccac	agaaataaat	acattgggta	acatcagatt	agttcaggtt	120
acttttttgt	aaaagttaaa	gtagagggga	cttctgtatt	atgctaactc	aagtagactg	180
gaatctcctg	tgttcttttt	tttttaaatt	ggttttaatt	ttttttaatt	ggatctatct	240
tcttccttaa	catttcagtt	ggagtatgta	gcatttagca	ccactggctc	aatgcgctca	300
cctaggtgag	agtgtgacca	aatcttaaag	cattagtgtc	attatcagtt	accaccattt	360
ggggctttta	tccttcatgg	gttatgatgc	tctcctgatg	acacatttct	ctgagttttg	420
taattccagc	caaagagaga	ccattcacta	tttgatggct	ggctgcatgc	agacatttaa	480
agctttttaga	gaatacacta	caccagggag	tatgactact	antatgacta	ttagganggt	540
aatacccaga	attggactcg	caccttaggc	aagatccaac	cactaaattg	aataagaatg	600
agtngatgag	gtnc					615

<210> 222
 <211> 617
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 222						
ggtacttttt	tttttttttt	tttttttttt	ttttaattta	tgattttatt	gncttttcctt	60
tgtccggcct	ttaacatggt	tctgtaattt	aaataaaaaat	ctattttactt	tctccattttt	120
agcaaattgt	ttcttttacc	aaatagggtg	cactatagtc	cccatatggt	tttctactgn	180
tccacaacca	ctattttcaca	aagattgaca	aaactttaat	aaaagttaaa	tttacagaca	240
tcttaagata	acttgggaaa	tatgtagtaa	aaaagaatcg	agtccacaaa	ttaagaatat	300
tttgctaata	tgcccaacac	caatttcagc	aaatccaatc	tacttaactc	atatatttaa	360
tgnggtaatt	tttctaacaa	aatttaaatg	gggtatgaat	gatataattta	tgcccttgac	420
aaagatgaca	tgtgtgattt	tgggtgngact	aanaaaggag	aagtatgatt	tctggnggggt	480
atganatcac	tctggctcat	cgaagctcca	gaatatgtaa	gggtctgnca	cgtccaaaaa	540
tgtaggcna	atgtataaaa	ggccaccccg	ctnacacacg	ttttatatac	aaactttngn	600
agtcctttta	tntcata					617

<210> 223

<211> 470
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 223

ggtaccacaa	ctgtgccctt	gataattagt	aatcactcct	aaaaatcttc	atttggcacc	60
agatgggtgtg	ttttaaacac	cctaggatgt	tttgaatcag	gcttgatttt	gttagttgag	120
ttacaggaga	attttaaggg	tgaggggtatg	gggggtcaggg	aagaaaagga	aatgggaaat	180
ggaccagaaa	aatccttgag	tcatcatcta	aatcaacaaa	gcactgatag	ctccaaatat	240
taggtcagac	actaaaacga	ctgatatag	ctcaagtgg	ttataaaacc	tataaaaaga	300
ctacaccagc	aaagtccttg	tcaatctgtc	agagttcaga	aactaaaaca	gggagtaaca	360
ttttagctta	aaaccttatc	tcaagagaat	catatacact	tcacatgaat	aaaaatacct	420
gaaaccaaac	atttttaaaa	gctccagtcc	tgcccnggcc	ggccgctcga		470

<210> 224
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 224

gcgtggncgc	ggccgacgtn	ctcttttttt	tttttttttt	ttttttgcnn	actaaaaatn	60
ngattgctct	ttaaagcctt	aggccgnatg	acaaaatgan	nagactgaaa	tgacancggg	120
gaggaagaaa	cagannaaag	ataagaatga	ggtgggtcagg	ttgggggaat	taagcgaata	180
ttcncttcn	nggtgagtc	tnacactggt	ctcatgccca	tgatgagttg	cacaccaaac	240
acnggctgnt	gacttncttc	ctgcnctant	cagtgaactt	gcngacatng	ggnancctca	300
cattacagnt	ataanntttc	cacctaaaaa	atgctgcgct	tttcgaengg	ctcnncnagn	360
ggccggggct	tgacatggng	gaanggattt	ctctcccatg	ccaaggaatt	catcacatca	420
ctgntactcc	actgncaacc	ttntccattg	ggctcngtgc	cctgtgtngg	gtcatggacc	480
cantccanaa	ntatgaatac	tgtaccatgc	tcttaaccag	gaggacctaa	ggatccttag	540
nccentgagn	nanacaccag	gnttcaaagg	ccgttttggn	aagccaaatt	tgnttnggnc	600
cgaattnggg	ccaaacangg	tt				622

<210> 225
 <211> 619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 225

acgcggggag	ttccgccatg	gcctccttgg	aagtcagtcg	tagtcctcgc	aggtctcggc	60
gggagctgga	agtgcgcagt	ccacgacaga	acaaatattc	ggtgctttta	cctacctaca	120
acgagcgcga	gaacctgccg	ctcatcgtgt	ggctgctggg	gaaaagcttc	tccgagagtg	180
gaatcaacta	tgaaattata	atcatagatg	atggaagccc	agatggaaca	agggatgttg	240
ctgaacagtt	ggagaagatc	tatgggtcag	acagaattct	tctaagacca	cgagagaaaa	300
agttgggact	aggaactgca	tatattcatg	gaatgaaaca	tgccacagga	aactacatca	360
ttattatgga	tgctgatctc	tcacaccatc	caaaatttat	tcctgaattt	attagcccg	420
ggggccaatt	ttttaactca	natcttgctg	agaccaggag	catctgattt	aacaggaagt	480
ttcagattat	acccgaaaaa	gaagttctag	agaaattaat	agaaaaatgt	ggttctaaag	540
gctacgtctt	ncaaattggag	atgattgggc	nggcaagaca	gttgaatatt	ctattggcga	600
ggttccatat	canttgngg					619

<210> 226
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 226						
acgcggggcc	cctcatttac	ataaatatta	tactagcatt	taccatctca	cttctaggaa	60
tactagtata	tcgctcacac	ctcatatcct	ccctactatg	cctagaagga	ataatactat	120
cgctgttcat	tatagctact	ctcataaccc	tcaacaccca	ctccctctta	gccaatattg	180
tgcttattgc	catactagtc	tttgccgcct	gcgaagcagc	ggggggccta	gccctactag	240
tctcaatctc	caacacatat	ggcctagact	acgtacc			277

<210> 227
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 227						
ggtacatat	tttgccaatg	ctatacagca	aaaatgaaaa	acttacagaa	aggtaaacaa	60
aattgagtc	acttttttaa	tttcacaagc	tgcttttaaac	tatagaacca	ccagatatct	120
gtaaaataag	caaaactggg	aagtgtgttt	ttttaattga	gggaaggagg	gccagaggag	180
ttggtgcaga	agcgcttcgg	gtgaattcat	accagagcca	ccgggtgtga	ctcggtacc	240
tctcccaatt	accacagggg	ggtcttaaaa	ttgaatttca	gtttcagcag	atactccaga	300
tttacctgag	caatatcata	gacaatgt				328

<210> 228
 <211> 609
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 228						
acgcggggagt	tcaagcagat	gtatggctaa	ccggaaacag	gtgggtcacc	tcctgcaaga	60
agtggggcct	cgagctgtca	gtcatcatgg	tgctatcctc	tgaaccctc	agctgccact	120
gcaacagtg	gcttaagggt	gtctgagcag	gagaggaaa	ataagctctt	cgtgggtgcc	180
acgatgctca	ggtttggtaa	ccggggagtg	ttcccagggt	gccttagaaa	gcaaagcttg	240
taactggcaa	gggatgatgt	cagattcagc	ccaaggttcc	tcctctccta	ccaagcagga	300

ggccaggaac	ttctttggac	ttggaaggtg	tgcggggact	ggccgaggcc	cctgcaccct	360
gcgcatacagg	actgcttcat	cgtcttggct	gagaaaaggga	aaagacacac	aagtgcgctg	420
ggttggagaa	gccagancca	ttccacctcc	cttccccaac	atctctcana	gatgtgaaac	480
cagatctcat	ggcaacnaag	ccctntgcaa	gaagctcaag	gaanctaagg	aaaatggacg	540
ttttcagana	atgggtgtag	ttcatggggt	ttncctactg	ccgggtcctt	tcttangacc	600
cgcanaant						609

<210> 229
 <211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 229

ggtacttttt	tttttttttt	tttttttttt	gcagactaaa	aatttttattg	ctcttttaaag	60
ccttaggccg	tatgacaaaa	tgaagagact	gaaatgacag	cggggaggaa	gaaacagaag	120
aaagataaga	atgaggtggt	caggttgggg	gaattaagcg	aatattctct	tccaggggtga	180
gtcctcacac	tggtctcatg	cccatgatga	gttgacacacc	aaacacaggc	tgctgacttc	240
cctcctgcac	tagtcagtga	acttgcagac	atagggtaac	ctcacattac	agttataatc	300
tttccacctc	agaaatgctg	tgcttctcga	caggctcgca	cagtggccgg	ggcttganat	360
ggtggaggga	tttctctccc	atgcaaagta	attcatcaca	tactgntac	tccactccca	420
accttctcca	ttgggctcgg	tgccctgtgt	ggggtcatgg	acccaatcca	acgtatgant	480
actggtacca	atgctnttac	cagggaggac	acnaaaggat	cccttaccac	ctgagcacag	540
acccnaggtt	tcaaanggcc	gttttggcag	gccaaactgn	atntgnccag	aatttgngga	600
caaaacaagg						610

<210> 230
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 230

ggtcggccga	ggtaccatgc	actgagtgc	tgtggggatc	atgttggttat	aatgaacaca	60
agacacattg	cattttctgg	aaacaaatgg	gaacaaaaag	tataactcttc	gcatactggc	120
tacccagggtg	gatttagaca	agtaacagct	gctcagcttc	acctgaggga	tccagtggca	180
attgtaaaac	tagctattta	tggcattgctg	ccaaaaaacc	ttcacagaag	aacaatgatg	240
gaaaggttgc	atctttttcc	agatgagtat	attccagaag	atattcttaa	gaatttagta	300
gaggagcttc	ctcaaccacg	aaaaatacct	aaacgtctag	atgagt		346

<210> 231
 <211> 601
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G


```

<400> 231
gggtacgcggg gagagcacat ccggtggttag aagcgcctggt aggccttgga gaggcggggtt    60
aggaagagtg gagactgctg cacggactct ggaaccatga acatatttga tcgaaagatc    120
aactttgatg cgctttttaa attttctcat ataaccccg caacgcagca gcacctgaag    180
aaggtctatg caagttttgc cctttgtatg tttgtggcgg ctgcaggggc ctatgtccat    240
atggtcactc atttcattca ggctggcctg ctgtctgcct tgggctccct gatattgatg    300
at ttggctga tggcaacacc tcatagccat gaaactgaac agaaaagact gggacttctt    360
gctggatttg cattccttac aggagttggc ctgggccctg cctggagttt tgnattgctg    420
tcaacccac atccttccac tgctttcatg ggcccgaat gatccttacc tgcttaacct    480
taatgcactc tatccaagcg ccgtactcct tttctgggag gatccttgatg tcagcctgaa    540
cttgtgcttt gcttcctggg gaatgtttct ttggatccat tggcttttca gcnaactttt    600
t                                          601

```

```

<210> 232
<211> 390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

```

```

<400> 232
actttttttt tttttttttt tttttttttt ttggtttttaa tgttttatttc cccaagacag    60
cctagcctgc actctacttg gataaatttt acaagctagt tttctgctgc ttctagtttt    120
aaactttaac catgtttctg atgacaagga atgctgcaaa aatactctag ttcaacaaag    180
agttatgatc acaaaataat ttttatccat tctacagtgt ttcanaatta ccagttgatt    240
tttaaacaca aagtagatat agatgcta at gggtggcta ctgggtatgtt tcttatagca    300
aactgttggt catgcaacac ttgtgctcaa aggggaaggc acaggatttc ctacaatgag    360
ccaccttata aagagtttct tttgnacctn

```

```

<210> 233
<211> 603
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

```

```

<400> 233
cgaggtacgc gggggaagag tgagggttcc aacttttctg cttatctggg aggtgttggg    60
cgcgacaat cgagatgtca gagaaaaagc agccggtaga cttaggtctg ttagaggaag    120
acgacgagtt tgaagagttc cctgccgaag actgggctgg cttagatgaa gatgaagatg    180
cacatgtctg ggaggataat tgggatgatg acaatgtaga ggatgacttc tctaatcagt    240
tacgagctga actagagaaa catgggttata agatggagac ttcatagcat ccagaagaag    300
tggtgaagta acctaaactt gacctgctta atacattcta gggcagagaa cccaggatgg    360
gacactaaaa aaatgtgttt atttcattat ctgcttggat ttatttgtgt ttttgaaca    420
caaaaaataa atggtttgat ataagaaaaa annnnnnnna aaaaaaaagt nctggccngg    480
cggccgttca aanggccaat tccaccact ggccggccgt ctaanggacc aacttggnc    540
aacttgggga atcanggcaa actggttcct ggngaaatgg ntcccttcc aattccccaa    600

```

<210> 234
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 234

cgaggtaacct	tcattgcgat	caaaccagat	gggggtccagc	gggggtcttgt	gggagagatt	60
atcaagcggt	ttgagcagaa	aggattccgc	cttggtgggc	tgaaattcat	gcaagcttcc	120
gaagatcttc	tcaaggaaca	ctacgttgac	ctgaaggacc	gtccattctt	tgccggcctg	180
gtgaaataca	tgcactcagg	gccggtagtt	gccatggtct	gggaggggct	gaatgtgggtg	240
aagacggggc	gagtcagtct	cggggagacc	aaccctgcag	actccaagcc	tgggaccatc	300
cgtggagact	tctgcataca	agttggcagg	aacattatac	atggcagtga	ttctgtggag	360
agtgcagaga	aggagatcgg	cttgtgggtt	caccctgagg	aactggtaga	ttacacgaac	420
tgtgctcana	actggatcta	tgaatgacag	gaaggcagac	ccattgnttt	tcacatncat	480
ttcccttcnt	tccattgggc	aaaggaccag	ctttnggaaa	tctantnttt	accnggacct	540
tattcttaat	ttgganggaa	actnttggac	tttgangtnt	tcctntacct	ngcccgggng	600
gccgtttaa	agggna					616

<210> 235
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 235

acgcgggggag	tgcgttactt	acctcgactc	ttagcttgtc	ggggacggta	accgggaccc	60
gggtgtctgct	cctgtcgctt	tcgcctccta	atccctagcc	actatgcgtg	agtgcactctc	120
catccacggt	ggccaggctg	gtgtccagat	tggcaatgcc	tgctgggagc	tctactgcct	180
ggaacacggc	atccagcccg	atggccagat	gccaagtgc	aagaccattg	ggggaggaga	240
tgactccttc	aacaccttct	tcagtgcagc	gggcgctggc	aagcacgtgc	cccgggctgt	300
gtttgtagac	ttggaacca	cagtcattga	tgaagtgcgc	actggcacct	accgccagct	360
cttcaccctg	agcagctcat	cacaggcaag	gaagatgctg	ccaataacta	tgcccgangg	420
cactacacca	ttggcaagga	gatcattgac	cttgngttgg	acccaattcc	aaacctggct	480
gaccatgcac	cgggctttan	ggnttnttgg	gttttcccaa	antttggggg	ggaactgggt	540
ttgggttaac	ttcctgntna	tggnacgntt	ttaaatgaat	ntgggaaaaa	tccaactggn	600
gntttcc						607

<210> 236
 <211> 608
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 236

```
acgcgggcat gcaacaccac acccagcctg aaaccagat ttttaatatg aaatcaaagt      60
cttcagacct tgtagggtgc ataaaaagca cgctgaggac cactagtttg caactgccaa      120
tctaaaatat catagacatt atatcacttc aaccacgaaa aaaaagtatg tgaggcagaa      180
aatggaagca accatgccta atttattggt gaatactttt tccgtatacc aagagcttcc      240
tttgcactag catctgaaac tatatccaga atgacactgg ttttcataaa agtggtgatc      300
ctcacacctc tttatagtct tgcacctagc acagtggagt gaaacacttt aaatagcact      360
tgntccttga gtatatatgg aaaaaagtga agtattgata aagtgctcaa ctaatatgag      420
cagcatctca ggagtctcca attcttgaat taccaggagg tatttttacc attttcccca      480
ntgnaaggcc ttttttgaga nacttaccct caaatngaan gnnttaagca tgntcctttt      540
tttttccttt tttttttgan aaaagggtt gctntgtggc cagggttggan tgccacntg      600
aaaattcn                                     608
```

<210> 237

<211> 609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(609)

<223> n = A,T,C or G

<400> 237

```
actattttcat atatttgttg agccccacaa atgtctattt taaaaagagt atagtccctg      60
gccaggcgcg gtggctcacg cctgtaatcc cagcagtttg ggaggccgag gtgggaggat      120
cacctgaggt ctggagtctg agaccagcct gaccaatatg gtgaaacccc gtttctacta      180
aaaatacaaaa attagctggg catggtggag catgcctgta atcccageta ctccggaggc      240
tgaggcagga gaatcacttg aaccggggag gcgaaggctg cagtgagcca agatcacgcc      300
attgcactcc agcctgagca acaagaggga cactccgtcc ccaaaaaaaaa aataataaaa      360
aaaataaaaa ataaaaataa aaagagtata gttcccaatg ggttctacaa acattcctga      420
tttatactgg ggggaagtga gcctaantgg gaacattaat cattatggtt tcgaaaatta      480
aatattttctg caaacaattc ctttgcaaat gctaacttgc catgagctta ccccatTTga      540
aattgngnct ttacaaagac cttggccgga ccccttangg ngaattcagn cactggnggg      600
cgttctttg                                     609
```

<210> 238

<211> 616

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 238

```
acgaggcggt gcgggaagtc ctgcacggga accagcgcaa gcgccgcaag ttcttgga      60
```

cggtggagtt	gcagatcagc	ttgaagaact	atgatcccca	gaaggacaag	cgcttctcgg	120
gcaccgtcag	gcttaagtcc	actccccgcc	ctaagttctc	tgtgtgtgtc	ctgggggacc	180
agcagcactg	tgacgaggct	aaggccgtgg	atatcccca	catggacatc	gaggcgctga	240
aaaaactcaa	caagaataaa	aaactggtca	agaagctggc	caagaagtat	gatgcgtttt	300
tggcctcaga	gtctctgata	aagcagattc	cacgaatcct	cggcccaggt	ttaaataagg	360
caggaaaagt	tcccttcctg	ctcacacaca	acgaaaacat	ggtggccaaa	agtggatgag	420
gtgaagtcca	caatcaagtt	ccaatgaaga	aggggtatgt	ctggcttgta	acttgttggt	480
cacgtgaaga	tgacngacga	tgacttgngt	ataacattna	nctgggctgg	caacttcttg	540
gggcaatgnt	caanaaaact	ggcaaaatgt	ccgggccttt	tttttagagc	cccttggnaa	600
acccangcc	ntttta					616

<210> 239
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 239						
acagtctgtt	cgagaacacc	ttggtcatga	aagtgacaac	ctgctgtttg	ttcagatcac	60
aggcaaaaaa	ccaaactttg	aagtgggttc	ttctaggcag	cttaagcttt	ccatcaccaa	120
gaagtcttct	ccttcagtga	aacctgctgt	ggacctgtct	gctgccaagc	tgtggaccct	180
ctcagccaac	gatatggagg	acgacagcat	ggatctcatt	gactcagatg	agctgctgga	240
tccagaagat	ttgaagaagc	cagatccagc	ttccctgcgg	gctgcttctt	gtggggaaaag	300
ggaaaaagag	gaaggcctgt	aagaactgca	cctgtggcct	tgccgaagaa	ctggaaaaag	360
agaagtcaag	ggaacagatg	aacttccaac	ccaagtcaac	ttgtggaaaac	tgctcctggg	420
cgatgccttt	cgttgtgcc	ctggccctac	cctgggatgc	cagcntnaaa	ctggggaaaa	480
gngcttctaa	tgatancatc	tttattgaag	cctaagaagg	ttctgaattg	ggaccatttt	540
gttcttcaac	caattctggn	cttaaatcca	ccttgggggt	cttccacctc	cttggaattg	600
ncacctt						607

<210> 240
 <211> 615
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 240						
ggtacgcggg	gcttttcaca	agatggcgcc	gaaagcgaag	aaggaagctc	ctgcccctcc	60
taaagctgaa	gccaaagcga	aggctttaaa	ggccaagaag	gcagtgttga	aaggtgtcca	120
cagccacaaa	aagaagaaga	tccgcacgtc	acccaccttc	cggcgccga	agacactgcg	180
actccggaga	cagcccaa	atcctcggaa	gagcgctccc	aggagaaaca	agcttgacca	240
ctatgctatc	atcaagtttc	cgctgaccac	tgagtctgcc	atgaagaaga	tagaagacaa	300
caacacactt	gtgttcattg	tggatgttaa	agccaacaag	caccagatta	aacaggctgt	360
gaagaactgt	atgacattga	tgtggccaag	gtcaacaccc	tgattcggcc	tgatggagag	420
aagaaggcat	atgttcgact	ggctcctgat	tacnatgctt	tggatgttgc	caccaaatt	480

gggatcattt	aactgagtc	acttgctaaa	tetgaatata	tatatatata	tatatctttt	540
cncaccaaaa	aaaaaaaaaa	aaaaaagtc	tncccgccgg	ccgttttaaag	gggaattccc	600
cacttggggg	cgttt					615

<210> 241
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

<400> 241						
acgggggggt	cgctttgctg	ttcgtgat	gagacagaca	gttgccgttg	gtgtcatcaa	60
agcagtggac	aagaaggctg	ctggagctgg	caaggtcacc	aagtctgccc	agaaagctca	120
gaaggctaaa	tgaatattat	ccctaatacc	tgccacccca	ctcttaataca	gtggtggaag	180
aacggtctca	gaactgtttg	tttcaattgg	ccatttaagt	ttagtagtaa	aagactgggt	240
aatgataaca	atgcacgtga	aaaccttcag	aaggaaagga	gaatgttttg	tggaccactt	300
tggttttctt	ttttgcgtgt	ggcaagtttt	aaagttatta	agtttttaaa	atcaagtacc	360
tnggn						365

<210> 242
 <211> 625
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(625)
 <223> n = A,T,C or G

<400> 242						
natngganng	nttttccctt	aacgtggggc	ncggccgagg	nactttttttt	ttttttttttt	60
tttttttttt	gcaggcagct	atttaattan	gntcttaana	catttanaac	nccaatttgn	120
gaanataaat	tccattcgtc	anaacaaacn	cagatcgcan	gtagccctgg	anctgangaa	180
taactttgat	ttttggnaaa	atttgngagt	ccncagcttt	ctgatcaatc	ttgcgctgct	240
cccnaatctc	atatttctct	ttttctgggg	ccaaaatctt	accttctctg	ngtctgggct	300
ttcgcaactt	cttcttcttg	aaagaagcct	cagtaaaaaa	ggtttgggaa	ttttacatta	360
ctgatatcca	atttnggtga	aattggcaatg	accaatttct	nggggggtct	tcgtaaaaga	420
actccantga	nggnccaaag	gtccagtcct	aagtataggc	nctnaccact	gnttcaggaa	480
accacctttt	gncctggggg	gtccatgagg	atgaccaa	ggccccgggg	naagctggct	540
ccantttttt	acggcctacc	gaagggtttt	tgcnggggta	aaagtttttag	ggccattttc	600
ngggnaaatc	taggcttttg	gaaat				625

<210> 243
 <211> 639
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(639)
 <223> n = A,T,C or G

<400> 243

nnenaattcc	ncntaaccn	ggnccccgc	caagnacccc	ggencctttg	gatgtatnga	60
aatnaacnta	ttaatgggga	cntattggag	aaggaaatnc	ctagacctac	aacttttnagc	120
naatagcngt	gatgttttag	gaactgaaat	gtcacactta	aagtcttnag	cccagctact	180
tccctatttt	tgtggggaga	aaanggccng	attagaactg	ttctgggtgt	gtttggcggg	240
aggggaataa	tttttgttca	gtccttctta	gtgaccaaac	tttaattttt	aagaataata	300
tattgactta	ctgaactgaa	gcattctgag	ttgaaaggag	ctccncagga	ntggagtctt	360
gtgttgctca	catgttnaaa	ncttgctcac	cttnatagcn	caaggaatac	ctatcttcca	420
natnccgcca	ttttcatctc	ttaaagtgnag	tccaaagtat	gacttgagaa	agttgctctn	480
ggattctggg	gtcttaaaac	tngggattct	gggattntgg	ggtcnnaaag	ttnaccttgn	540
aaagttgcct	gggnttttan	aaatnctctg	nattctgggg	ttttaaaaaa	ttttgaaaaa	600
acccncccn	ncttgaaagg	gaccttaaaa	attaacctn			639

<210> 244

<211> 614

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(614)

<223> n = A,T,C or G

<400> 244

tcgagccgnc	ggcccggggc	aggtactttt	tttttttttt	tttttttttt	gaaaatggag	60
tcttgctctg	ntgccaaact	ggantgcaat	gggtcganct	gggtcactg	naatctccac	120
ctnccgggtt	caagcgattc	tcttgctca	cctccgagta	actgggacta	caggtgcgcg	180
ccaccaagcc	cagctcattt	ttgnattttt	agtanaaatg	gggtttcacg	atgttggtta	240
ngatggntc	gatctctggt	caaagtcttt	tctgnaaata	tccttggtta	aaaaacaatt	300
ttagactgta	gctgttgcaa	atgctttaa	gaagaaacna	aacaactgca	gtcttctctga	360
aatgaaaaaa	ctccccaggg	ctgctattna	aaacaacccc	accagcactt	caatcatgat	420
gccnacagt	gccactgaa	aaancnggaa	aagtctnaat	cccaaactgg	gatgctcttg	480
actntggaat	tntgngggcn	ntncccnant	ttnanacaaa	acngnctngg	nccctntttt	540
ttggggggaat	ttgggaanaa	aaaaacttgn	gngttcttgn	ggttccnttg	ttccccaaaa	600
nactgggggn	nggg					614

<210> 245

<211> 620

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 245

gccgtgggtg	cggggccgagg	tccatttgcc	tcccggcctc	aagccgattc	tcttgctca	60
gccctccaag	tagctgggga	ttacaggcac	ctgccaccat	gcccggctaa	tttttgnaat	120
tttagtagag	acagggtttc	accatgttgc	ccaggctggg	ttcgaactcc	tgacctcagg	180

tgatccaacc	gcctcggcct	ccaaagtgt	gggattacag	gcttgagccc	ccgcgcccag	240
ccatcaaaat	gctttttatt	tctgcatatg	ttgaatactt	tttacaattt	aaaaaaatga	300
tctgntttga	aggcaaaatt	gcaaactctg	aaattaagaa	ggcaaaaatg	taaaggagtc	360
aaaactataa	atcaagtatt	tgggaaagt	aagactggaa	gctaatttgc	attaaattca	420
caaactttta	tactctttct	ggatatacat	tttttttctt	taaaaaacia	ctttngatca	480
gaatagcccc	atttagaacc	ttttggtatc	agncaatatt	tttaaatagt	tnaaccnggc	540
ctaagctnaa	agnggcttga	tntgagtaaa	cttttcaact	ggcttgaacc	ctnaaccttt	600
taaaatgacc	ttccgagntt					620

<210> 246
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 246						
acttattctt	caggggttac	tgagtcggca	cctatgacag	ctaagagagc	tttcttaaag	60
actgcctcag	tgtcttcttg	gcttttggca	ccttcactcc	actctgccc	ggaaatccac	120
aatggcagac	aaacctgggg	tttcaggtgc	acaaagactt	cttcaaaaag	catggctatg	180
tcagggctct	ttgactcgat	cagcacctgc	agcttcagct	gccacattgt	cccagagtct	240
ctaaacaatt	caagttccag	ctactgncac	ttccagagct	tcctcaggaa	gttataacac	300
agcaacgaaa	cactcaactg	cttgtattgg	cattctgaca	gaagcttcaa	gttcagtgtc	360
cttcctgaat	acagtcattg	tcttttcaac	ctcttctctt	aaggaccac	tatttgactt	420
cttaataaat	ctttccagcc	aaaggngatg	aacactttca	catgggcctt	gtggcaaaaag	480
cttnatggct	ttttatcncg	gacagacctt	tctcttcggg	cgacctcaat	ggtttggtct	540
ggtcgtggag	ctggtntttg	gctnggactc	aacttnaatn	ttgcttgccc	naaac	595

<210> 247
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 247						
gggtacacta	gaaagtcttt	tacaaaataa	tcattcttaga	tcaacagaag	accaatcttc	60
aatgtcgtcc	tgcaagatgg	gttactttta	catctctctc	tggtttctcc	aatgttctcc	120
tttagtatgg	ctggtaattg	ttttggtgat	tgccaccccc	tcgagatgcc	ttgccataag	180
tgctctgttg	gccactgtag	tctgcatatc	cctgtccata	tccatagttc	ccatagttat	240
accagtata	atcatatccg	ccatagccac	tatagttttg	atcaccacca	taggcactat	300
tgtaatttcc	atatacctga	tcataatagt	tattaaatcc	ttggttccag	ttttggccct	360
gacc						364

<210> 248
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)

<223> n = A,T,C or G

<400> 248

ggtncagata	tcttcaaagg	aggaagaaga	aagggaaacc	agatggtgga	cctgaatatg	60
ncccttance	aganctaate	aaccactca	gccagaatag	aagaagctgg	aatagattcc	120
ccaacctggt	ttgccagttc	atcttttgac	tctattaaaa	tcttcaatag	ttggtattct	180
gnaatttcac	tctcatgant	gcnaactgng	cttaactaat	attgcaatgn	ggcttgaatg	240
taagtagcat	cctttgatgc	ttctttgaaa	cttgnatgaa	tttgggtatg	aacagattgc	300
ctgctttccc	ttaaataaca	cttaaaatta	tttgaccag	tcagcacaac	atgcctnggt	360
tgnattaaag	cnnggatatg	ctggatttta	taaaattggc	caaattagag	aaatntagtc	420
ccatggaaat	atatttcttg	taaaaaagt	cttgaatctt	tttgggtcaag	ataatgccac	480
tcttaagaat	atcttcncac	tnttgangga	ttaaatatcg	gcantggaaa	agccttaaaa	540
atgggggtcna	cttgccctgn	gcctaaaccg	accctgaaat	gggatttccc	n	591

<210> 249

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(332)

<223> n = A,T,C or G

<400> 249

actctccgag	agggtcggtt	tcccgctccc	gagagcaagt	ttattttacca	aatggttgag	60
taataaagaa	aggcagaaca	aaatgagctg	ggctttggaa	gaatggaaag	aaagggctgc	120
ctcaagagct	cttcagaaaa	ttcaagaact	tgaaaggaca	gcttgacaaa	ctgaagaagg	180
aaaagcagca	aaggcagttt	cagctttgac	agtctcgagg	cttgcgcttg	cagaaacnaa	240
aacagaaagg	ttgaaaatga	aaaaaccag	ggtaccttgg	nccgggacca	cgcttaaggc	300
gaaattccaa	cacacttggc	cggccggtac	ta			332

<210> 250

<211> 626

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 250

ggtactatta	gccatggtca	acccaccctg	gttcttcgac	attgccgtcg	accggcgaag	60
ccctttggcc	cgcgtcttcc	tttgaactgg	ttgcagacaa	gggtcccaaa	ganagcagaa	120
aattttcgtg	ctctgagcac	tggagaaaaa	ggatttggtt	ataagggttc	ctgctttcac	180
agaattattc	cagggtttat	gtgtcaagg	ggtgacttca	cacgccataa	tggcactggt	240
ggcaaagtcc	atctatgggg	aagaaatttg	aagatgaaga	acttcatacct	aaagcatatg	300
ggtcctggca	tcttggtccat	ggcaaattgt	ggacccaaca	caaattgggtc	ccaatttttc	360
atctgcaactg	gccaagactg	antggttggg	tggcaaanca	tgtngtgntt	ggccaaagt	420
aaagaaggca	tgaatattgt	ggaaggccat	ggaacgcttt	tgggtncnag	gaatggcaag	480
aaccnccagg	aagaatcacc	cnttnttgac	tggggacaac	tcnaataagt	tgacttgggg	540
nttaantntaa	ccccccanca	attccttttg	gaactcagga	aacacccttc	ancccanttn	600

<210> 251
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 251

actttttttt	tttttttttt	tttttttttt	aacagaagaa	cttttngttt	ctttattttc	60
aatattngtc	ttattaatat	ttttcttatt	ttataatgca	attacaacaa	tttaggagac	120
aaaacantat	aaacaaaaga	atgttaaata	gtttttttta	aaaaatagct	tggtgcttgc	180
aagaaagtcc	atataatctt	attccccccc	aaatataatt	ttatactttg	cactaaacca	240
aaatagctta	tggaaaatta	ggtattaaat	agctaaacac	agaaaaccta	cagctataaa	300
taacataaaa	tacagtttaa	ctttaatgng	atgcttaaac	aaagcaaact	atgatgcant	360
atgaatcaac	ttcataatt	ggacaagtc	agtgaggcnc	aaattagata	agcnctaaac	420
cctcatgatg	ggcaagtga	accttcaccc	cagcaagggt	ctttcnggtc	ttggctatgc	480
caattccttc	canaaaagnc	ccagttttac	angtctggct	ttttccgggg	gaacccccca	540
ttnttttnc	ccaagttggt	tnggatttgg	ccccannaa	attttttttg	gngnaaaaaan	600
aan						603

<210> 252
 <211> 500
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 252

actttatttg	ttttttttgt	tttgttttgg	tttttttttt	ggcttgactc	aggattttaa	60
aactggaacg	gtgaaggtga	cagcagtcgg	ttggagcgag	catcccccaa	agttcacaat	120
gtggccgagg	actttgattg	cacattgttg	tttttttaat	agtcattcca	aatatgagat	180
gcattgttac	aggaagtccc	ttgccatcct	aaaagccacc	ccacttctct	ctaaggagaa	240
tggcccagtc	ctctcccaag	tccacacagg	ggagggtgata	gcattgcttt	cgtgtaaatt	300
atgtaatgca	aaattttttt	aatcttcgcc	ttaatacttt	tttattttgt	tttattttga	360
atgatgagcc	ttcgtgcccc	cccttcccc	ttttttgtcc	cccaacttga	gatgtatgaa	420
ngcttttggt	ctccctggga	agtgggtgga	ngcagccagg	gcttacctgt	accttggccg	480
cgaacaccta	aggccaantt					500

<210> 253
 <211> 634
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 253.

tcgagcggcc	ngcccgggca	ggtactatta	gccatgggtca	aaccccaccc	gtgttcttcg	60
acattgcccg	tcgacggcga	acccttgggc	ccgcgtctcc	tttgagctgt	ttgcagacaa	120
ggtcccaaag	acagcagaaa	attttcgtgc	tctgagcact	ggagagaaaag	gatttggtta	180
taagggttcc	tgctttcaca	gaattattcc	agggtttatg	tgtcaggggg	ggtgacttca	240
cacgccataa	tggcactggg	ggcaagtcca	tctatgggga	gaaatttgaa	gatgagaact	300
tcatacctaaa	gcatacgggt	cctggcatct	tgtccatggc	aaatgctgga	cccaacacaa	360
atggttccca	gtttttcatc	tgcactgcc	agactgantg	gttggatggc	aaacatgtgg	420
tgtttggtcaa	antgaaagaa	ngcatgaata	ttgtggaagc	catgganccc	tttnggtcca	480
ggaatggcag	aacnccagg	aanacaccct	tgntgactgt	ggcaactcga	ataaattgac	540
ttgggggttat	cttaaccncc	caacattcct	ttggacttag	gaancanccc	ttcancecnt	600
tggttcaant	tcccaaaaat	ttgggctncc	tnng			634

<210> 254

<211> 602

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 254

nctttttttt	ttttttttt	ttttttaaat	taattaatta	aaaaataggt	ggntactgg	60
tggtccttaa	gctggaantg	cagtgggcac	aatcatggnt	cactgnagtc	tnaacctncc	120
aggttcaagt	gacccctcta	cctcacctcc	antagctggg	attacaggca	tatgcgacca	180
tgcccagcta	attttttatt	ttttgtaaaa	acgggggtctc	actatgtcgc	ccangctggg	240
cttgaactcc	tgaactcaag	tgacccttcc	gnctnacctn	caaagtgcta	ggcttacagg	300
tgtgaaccac	catgcctggc	ctaaaaaatt	tatttttaaaa	aagtaattta	tctcttacag	360
ttgtggaggc	tgagaaatcc	aangncaant	ggcncatttg	gtgaaaacct	tnttgctggg	420
ggggactctg	tgaaatnccc	aantggcnca	tgcatnacac	antgangggg	cttacattcc	480
aacatgctat	ctcttttaag	ttttaagta	cnggccnaaa	tntgaaacntg	aatgacttna	540
aatccacnca	ttccnctttt	ggacnaaaaa	ccntggggcaa	ttgggatctt	ggcnttttna	600
aa						602

<210> 255

<211> 614

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(614)

<223> n = A,T,C or G

<400> 255

cgaggtacag	gtaagccctg	gctgcctcca	cccactccca	gggagaccaa	aagcettcat	60
acatctcaag	ttgggggaca	aaaaaggggg	aagggggggc	acgaaggctc	atcattcaaa	120
ataaaacaaa	ataaaaaagt	attaaggcga	agattaaaaa	aattttgcat	tacataattt	180

acacgaaagc	aatgctatca	cctcccctgt	gtggacttgg	gagaggactg	gaccattctc	240
cttagagaga	agtgggggtg	cttttaggat	ggcaagggac	ttcctgtaac	aatgcatctc	300
atatttggaa	tgactattaa	aaaaacaaca	atgtgcaatc	aaagtccctg	gccacattgt	360
gaactttggg	ggatgctcgc	tccaaccgga	ctgctgtcac	cttcaccggt	ccagttttta	420
aatcctgagt	caagccaaaa	aaaaaaaaacc	anaccaaacn	nanaaaccaa	ttaagccatg	480
ccaatctcat	ctggtttctg	cncaagtang	gttgncaaaa	aagggttacc	ncactaantc	540
ntagccccta	aaccnttgcg	ggggncantg	angggccgan	tttganactc	cggntggtga	600
nccanttggn	ggag					614

<210> 256
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 256						
ncntccagca	gtgggtcatt	cgncaacgaa	agtcntaccg	tagaaaagat	ggcgtgtttc	60
tttattttga	agataatgca	ggagtcatag	tgaacaataa	aggcgagatg	aaagggtctg	120
ccattacagg	accagtagca	agggaatgtg	cagacttggtg	gccccggatt	gcattccaatg	180
ctggcagcat	tgcattgattc	tccagtatat	ttgtaaaaaa	taaaaaaaaaa	ctaaacccaa	240
aaaaaaaaat	nnnannnaac	annnnanaaa	aannnnaaaa	aaaaaaagta	cctnggccgn	300
gaccacgc						308

<210> 257
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 257						
gcgtgggtgc	nggccgaggt	acgcggggga	gacaaaccat	accatatccc	accagagagt	60
cgcagacact	atgctgcttc	catggccctg	cccagtgtat	cttggatgct	gctttcctgc	120
ctcatgctgc	tgtctcaggt	tcaaggtgaa	gaaccccaga	gggaactgcc	ctctgcacgg	180
atccgctgtc	ccaaaggctc	caaggcctat	ggctcccact	gctatgcctt	gtttttgtca	240
ccaaaatcct	ggacagatgc	agatctggcc	tgccagaagc	ggccctctgg	aaacctgggtg	300
tctgtgctca	ntggggctga	gggacccctc	gtgtccctcc	tggtgaagag	cattggtaac	360
agctactcat	acgtctggat	tgggctccat	gaccccacac	agggcaccga	acccaatgga	420
aaangntggg	antggaataa	cantgatgtg	atgaattact	ttgcatggga	gagaaatcct	480
tcancatttt	naaccccggc	cctgtccaac	ctntcaaaaa	cncacatttt	taaggggaaa	540
attttactgg	atggganggt	acccttttnt	ggaagtactg	cttttcngga	nggaagtacc	600
cc						602

<210> 258
 <211> 600
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 258

ggtgtntgng	ncttatntgt	agcggcgcg	ntggttctga	aatcgccctc	agcggcgccg	60
cagtentatt	atgtgnatgt	ccctaccacn	aaaatncaga	ttaattggna	tgctcattac	120
ccacgtgaac	gccaaagccc	ttcgaagtag	tgctgccctg	cactnaatca	agaagttgca	180
ttaaaattag	aaccaaattc	agagtcactg	gaactttctt	ttaccatgcc	ccanattcag	240
gatcagacac	ctagtccctc	cgatggaaag	cactagacaa	agttcacctg	agcctaatag	300
tcccagtgaa	tattgggttt	atggggatag	gtgatatggn	caatgaattc	aagttggaat	360
tggnagaaaa	actttttgct	naagacncng	aagcnaagaa	cccattttct	actnaaggca	420
cagatttaga	cttgagatg	gtagcttctt	atatccaatg	gatgatgctt	tcagtccgtn	480
cnttgatcag	tgncacnttn	gaaagcagtt	cccaagncc	gnaacccagt	cctaagccaa	540
gtccgggttcn	gcgattaatc	cgactatgta	tgcccttcat	ngccccctgtn	ataaacnggn	600

<210> 259

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 259

gccgaggtac	atgggaaagg	gagtatggng	agctatttcc	tttttaaagg	atgaagacct	60
tcataaattg	gcccctcgga	ttctggtgat	tcccgccgc	aagcgcaa	gctccagtgn	120
gttatgaaaa	tgnttgntaa	tctgctctgg	ttcttcaactg	gattcaagan	tcgggaggnc	180
ttctcgaatc	ttttggataa	nctgggttaa	aacctgaatt	gntacccgca	tcattttcct	240
tttcataaaa	atagatatat	ctgntcagaa	tttctatnaa	aagctgcact	tgtaganang	300
ggtccatgca	ctgatttgct	attttttaaag	ctttttttan	gcactccatt	accctnttgc	360
cttcgtgaaa	cttcttccca	tttttgncn	ggttctggcn	gaccngaaga	aatgtgcccc	420
agtgcttaca	agttnggcct	gacaagggtc	nttaaaantt	tggatgtacc	aagggccccc	480
tgggtcctca	aaggtcatga	atctttttac	tggaaacctt	atcctttnaa	aaggccatgg	540
tcaaggggaat	gnncttcttg	gctttgaaac	ccggattaan	tttttncaaa	aaaagccngn	600

<210> 260

<211> 593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 260

acgcgggaac	tccatcctca	ccacccacac	caccctggag	cactctgatt	gtgccttcat	60
------------	------------	------------	------------	------------	------------	----

ggtagacaat	gaggccatct	atgacatctg	tcgtagaaac	ctcgatatcg	agcgcccaac	120
ctacactaac	cttaaccgcc	ttatttagcca	gattgtgtcc	tccatcactg	cttccctgag	180
atttgatgga	gccctgaatg	ttgacctgac	agaattccag	accaacctgg	tgccctaccc	240
ccgcattccac	ttcctctggc	cacatatgcc	cctgtcatct	ctgctgagaa	agcctaccat	300
gaacagctta	ctgtagcaga	gatcaccaat	gcttgctttg	agccagccaa	ccagatgggtg	360
aaatgtgacc	ctcgccatgg	taaatacatg	gcttgctgcc	tggtataccg	tggtgacntg	420
ggtnccaaag	atgtcaatgc	tgccttggca	ccattcaaac	caagcgcaga	ttcaatttgg	480
ggatgggtgcc	cactggcctt	aaggtnngnat	naactaccag	cttccactgn	ggnnctgggtg	540
gaaactngcc	aaggnnccct	ggccggaaca	ccctangggg	aattcanncc	act	593

<210> 261
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 261						
cctacctctc	ttncactgc	aaatttctgg	gatagaccaa	aagtgaattt	gattatgtgt	60
tggtctgaagt	tcttcattct	gactgttgan	gggaggtttt	cctttgaaga	gttttcatcc	120
cagactcagc	tgtcttttca	catggatgaa	ataattcctg	ctaccaacaa	cagagcttca	180
ccaggaagtt	gagttttcaa	gatgccttgt	tgctttgaag	aagggagtga	tgtcaattct	240
cttgntacat	tctcccttta	gcaacctgag	taagagactc	tctgccactg	ggctgcaaaa	300
aaataaatta	cttgaatctc	cccttggccc	angetgaggt	acc		343

<210> 262
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 262						
actttttttt	ttttttttt	tttttttgtt	ttttttttt	ttttttttt	ttttttttt	60
ttttttttt	ttacagngtn	ttttcatttt	tattactcaa	aaaagtttca	tttttttnat	120
ttanctttnt	gactntgggc	ttgggccttn	aacantttca	naacgatttt	ntgctcctcg	180
anaaggaaag	cnccttggat	cctgncacna	acncntttag	cncacatgga	accnccatag	240
gccctgntga	catgtttctt	tgtttnggac	aatntcataa	aaacttttagg	nnttacagca	300
cnaaccctn	naagtntgcc	tgggcncaca	ccanatgcaa	attttggggc	tttcccaacc	360
ttnttggnat	aaaggtaaac	aattttatta	ccaggggggt	cgggacaacc	tanttttggt	420
aaaggctgta	ttgtaggaaa	acctacctcg	ggatgtcaaa	cccttnacca	ttttgagggn	480
ctggaaanaa	ngttcccgga	aancccccgg	tancttnggc	cggaaccccc	taangggnga	540
attccnaccn	cttgggggcn	gtantaaggg	ganccaantt	gggccaaant	tgg	593

<210> 263
 <211> 591
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 263

accaagagtt	tgctcctggc	tgctttgatg	tcagtgtctgc	tactccacct	ctgcggcgaa	60
tcagaagtaa	gcaactttga	ctgccgtctt	ggatacacag	accgtattct	tcatacctaaa	120
tttattgtgg	gcttcacacg	gcagctggcc	aatgaaggct	gtgacatcaa	tgctatcatc	180
tttcacaaaag	aaaaagttgt	ctgtgtgctgc	aaatccaaaa	cagacttggg	tgaaatatat	240
tgtgcgtctc	ctcagtaaaa	aagtcaagaa	catgtaaaaa	ctgtggcttt	tctggaatgg	300
aattggacat	agcccaagaa	cagaaagaac	cttgctgggg	ttggagggtt	cacttgccaca	360
tcattggaggg	tttaattgctt	atctaatttg	tgcctcactg	gacttgncaa	ttaatgaagt	420
gatcatattg	catcataagt	ttgctttggg	taancttaca	ttaaagttaa	ctggatttta	480
aggggaattat	actgtagggt	ctgggggtaac	tattttaatac	taattttcat	aacnattttg	540
gttaatncca	agttnaaatt	tattttggggg	gaanaaaaatt	tttggccttc	t	591

<210> 264

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 264

accaagagtt	tgctcctggc	tgctttgatg	tcagtgtctgc	tactccacct	ctgcggcgaa	60
tcagaagtaa	gcaactttga	ctgccgtctt	ggatacacag	accgtattct	tcatacctaaa	120
tttattgtgg	gcttcacacg	gcagctggcc	aatgaaggct	gtgacatcaa	tgctatcatc	180
tttcacaaaag	aaaaagttgt	ctgtgtgctgc	aaatccaaaa	cagacttggg	tgaaatatat	240
tgtgcgtctc	ctcagtaaaa	aagtcaagaa	catgtaaaaa	ctgtggcttt	tctggaatgg	300
aattggacat	agcccaagaa	cagaaagaac	cttgctgggg	ttggagggtt	cacttgccaca	360
tcattggaggg	gtttagtgtc	tatctaattt	gtgcctcact	ggacttgtcc	aattaatgaa	420
gttgattcat	attgcatcat	agtttgcttt	ggttaagcat	cacattaaag	ttaaactgga	480
ttttatggta	tttatagctg	nanggtttct	gggggttanc	atttaatact	aaattttccat	540
aagctttttt	ggttaangcc	aagnttaaaa	tttttttggg	ggggaaaaaa	atttt	595

<210> 265

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 265

ggctacttttt	tttttttttt	tttttttttt	ttgaaaatta	tactttttatt	tgagtcacca	60
-------------	------------	------------	------------	-------------	------------	----

ggagaaagat	tcaattgttg	ttcaagtcaa	atgttcanaa	tcataacagg	ccanaaagg	120
ttgatcccga	gcacaagccc	acgagggagg	ggaccaaaac	agaccaaagt	gagacaacaa	180
ccccatataa	aaagatgaac	tggcgggctt	acacactcac	acacatacac	atacacacgg	240
atgaaatgtt	tggacagagg	caaatttcac	gtgggtcatt	ctgtttcttt	ttaaatacag	300
gtttgtgggg	tggatatttg	ttttttccag	ctataaaaaa	aggcccaaaa	gtgcatgtgt	360
gaggggggaa	aggcagaaat	taagcaataa	agtcattttc	cctggaggga	catganaggg	420
agaaaacagg	aggcaattgc	tggganaacg	cactttctta	acactgggct	tttgggtatt	480
cttantattg	gnccncaaaa	agttattttc	acattctaac	tttgaagnct	ntttccnggg	540
attnaatggn	ccttaaaacc	tttgggaact	ttaaaaaac	cngggttac	cc	592

<210> 266

<211> 594

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(594)

<223> n = A,T,C or G

<400> 266

acgcggggaa	aaaaaaggca	gtattccctt	tttaaagtga	ctttcaggaa	gttgctgaga	60
aatgggggtg	aatagggaac	tgtaatggcc	actgaagcac	gtgagagacc	ctcgcaaat	120
gatgtgaaag	gaccagtttc	ttgaagtcca	gtgtttccac	ggctggatac	ctgtgtgtct	180
ccataaaaagt	cctgtcacca	aggacgttaa	aggcatttta	ttccagcgtc	ttctagagag	240
cttagtgtat	acagatgagg	gtgtcccgtt	gctgctttcc	ttcggaaatc	agtgcctcca	300
cagagattag	cctgtagctt	atatttgaca	ttcttcaact	tctgttggtt	acctaccgta	360
gctttttacc	gttcacttcc	ccttccaact	atgtcccaga	tgtgcaggct	cctcctctct	420
ggactttctn	caaaggcact	tgacccttcg	gnctctactt	ggccccctnac	ctcaccctct	480
tctggcaccg	gnctngnac	attcacttcn	gagaagaccn	cccccaagga	ggcnggcgnt	540
tggncanga	aaaaaccccg	gggaagggtt	tnnttttttn	aaagggaat	ttcc	594

<210> 267

<211> 598

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(598)

<223> n = A,T,C or G

<400> 267

actggccctc	ggtgctggca	aagggtgtagt	tccactggcc	gaggggaatca	agacatagtg	60
gtcctttctg	taagccaagg	gctgccacaa	tgacacagta	gccagatcct	gcaattccaa	120
tgagagcagc	caatacagaa	gaaagcatcg	cacatcgttt	gccacagttt	tcattggccac	180
agcagccaca	gcagtcaccc	tgttccagcc	caatgaagac	aaatgctggc	aggagcatca	240
gcagggccac	ctcctacgat	gccagaaaag	aaccacacga	aacggctgag	gtgggttttcg	300
gaggcatact	ttgttcccat	tgggaaagta	aagccaaata	ttacccgcga	tgacacaggaa	360
ggggcgagcc	caaccagaaa	atgtccgaat	gcacgtgca	cacttcccat	agcacatggt	420
ggtcttgcta	ggtttttctc	ccccttctct	ttggnttcca	acttcagtga	taccccaaat	480
tagatgaaag	tggtgccctt	ttgggtggaa	aaagcaaaca	ccaaccccg	gtacctttgg	540
gccggaacac	ncttaaggcc	aattccannc	aattggcgcc	ccgtacttan	gggatccc	598

<210> 268
 <211> 590
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 268

ggacatatta	tcaataggct	ataagatgta	acaacgaaat	gatgacatct	ggagaagaaa	60
catcttttcc	ttataaaaat	gtgttttcaa	gctgttggtt	taagaagcaa	aagatagttc	120
tgcaaattca	aagatacagt	atcccttcaa	aacaaatagg	agttcaggga	agagaaacat	180
ccttcaaagg	acagtgttgt	tttgaccggg	agatctagag	agtgtcaga	attagggcct	240
ggcatttgga	atcacaggat	ttatcatcac	agaaacaact	gttttaagat	tagttccatc	300
actctcatcc	tgtattttta	taagaaacac	aagagtgcac	accagaattg	aatataccat	360
atgggattgg	agaaagacaa	atgtggaaga	aatcatagag	ctggagacta	cttttgtgct	420
ttacaaaact	gtgaaggatt	gtggtcacct	ggaacagggt	tncaatctat	gtagcactat	480
gtggctcanc	cttggtaccc	cttggattat	atatcaacct	gnaacatgng	nctgggactt	540
actttcnaaa	cnaaatnttc	cttntttgaa	gaaaatctgg	gtttttgnaa		590

<210> 269
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 269

acttgaagga	agtcgaatca	gagatagact	ctgaagaaga	acttataaat	aaaaaaagaa	60
tcatatagaaa	agttattcat	cgactcacac	actatgatca	tgttctaatt	gagctcaccc	120
aggctggatt	gaaaggctcc	acagagggaa	gtgagagcta	tgaagaagat	ccctacttgg	180
tagttaaccc	taactacttg	ctcgaagatt	gagatagtaa	aagtaactga	ccagagctga	240
ggaactgtgg	cacagcacct	cgtggcctgg	agcctggctg	gagctctgct	agggacagaa	300
gtgtttctgg	aagtgatgct	tcaggatttg	ttttcagaaa	caagaattga	gttgatggtc	360
ctatgtgtca	cattcatcac	aggtttcata	ccaacacagg	cttcagcact	tncntttggg	420
ggtggttcct	ggtccentgg	aagttggaac	caaattaatg	gnngtagctc	tatacccaat	480
acctttgggt	ttcatgtgta	anaaaaaggn	ccattacttt	taanggattg	tgctggncct	540
attnggccan	taactttttt	ttaaatggcc	cagttacngg	ttttaattct	taaaannaaa	600
aa						602

<210> 270
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (595)
 <223> n = A,T,C or G

<400> 270

ggtacgcggg	ggtaggagcc	tctctcccta	ctgctgctac	acaagaccct	gagactgacc	60
tgcaggacga	aaccatgaag	agcctgatcc	ttcttgccat	cctggccgcc	ttagcggtag	120
taactttgtg	ttatgaatca	catgaaagca	tggaatctta	tgaacttaat	cccttcatta	180
acaggagaaa	tgcaaatacc	ttcatatccc	ctcagcagag	atggagagct	aaagtccaag	240
agaggatccg	agaacgctct	aagcctgtcc	acgagctcaa	tagggaagcc	tgtgatgact	300
acagactttg	cgaacgctac	gccatggttt	atggatacaa	tgctgcctat	aatcgctact	360
tcaggaagcg	ccgagggacc	aatgagact	gaggggaagaa	aaaaaatctc	tttntttctg	420
gaggctggca	cctgattttg	tatccccctg	tagcagcatt	actgaaatac	ataggcttat	480
atacaatgct	tctttctgga	tattctcttg	gcttggtggg	accccttttt	ccggccccag	540
aattgttaan	taatngaann	ncntncann	aagggnnaa	aggnaaatca	ncctt	595

<210> 271

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (592)

<223> n = A,T,C or G

<400> 271

ggtacattga	gatccgcct	ctacaaaatc	aaaaaattag	ccaggcaagg	tgggtgcgtgc	60
ctgtcgcccc	agctacttgg	caggctgagc	tcaggaggtc	aagcctgcct	tgggccatga	120
tcattcccatg	cactccagcc	tgacattcag	agcaagacct	tgtctcaaag	aaagaaaaac	180
atattttatgg	tgttttcttt	tttagtcttt	tcaataatga	aaattttcat	tttacaggta	240
aaatgaaagg	cctggcattt	attcaagatc	ctgatggcta	ctggattgaa	atatttgaatc	300
ctaacaaaat	ggcaacctta	atgtagtgtc	gtgagaattc	tcctttgaga	tttcagaaga	360
aaggaaacaa	tgtgattcaa	gatatttaca	taccagaagc	atctaggact	gatggatcac	420
tgtcccgatt	caaattatct	ttcagtcctt	ttcccccttc	tatttcagct	ggtccttttc	480
acctaactgt	cagtcattct	ggtttcaacn	atgctttatc	tcattgtcctt	gaatatagtt	540
ggggnacttt	aatttttang	gaataatnna	acagnttccn	ttaaaggntn	ng	592

<210> 272

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (607)

<223> n = A,T,C or G

<400> 272

acattaaagt	gtgatacttg	gttttgaaaa	cattcaaaca	gtctctgtgg	aaatctgaga	60
gaaattggcg	gagagctgcc	gtggtgcatt	cctcctgtag	tgcttcaagc	taatgcttca	120
tcctctctaa	taacttttga	tagacagggg	ctagtcgcac	agacctctgg	gaagccctgg	180
aaaacgctga	tgcttggttg	aagatctcaa	gcgcagagtc	tgcaagtcca	tccccctctt	240
cctgaggtct	gttggtgga	ggctgcagaa	cattggtgat	gacatggacc	acgccatttg	300

tggccatgat	gtcaggctcg	gcaacagget	ccttggtgac	actcaccaca	ttgnttttca	360
agctgacttt	cagcttgnca	ccttgagag	actttaaccc	ggaccaaggg	cccgatgcct	420
tccggtaccc	aggaatttca	tcaccaatgg	tggtanttca	ggaatgttg	caagtttcct	480
tggcatnttc	ccaaanagtt	tggtcccgtt	cttnttgggn	ggcangggct	tcggaaaggg	540
ttnatTTTTgt	ngggaaccna	aaaactgggg	tnaaactcct	tnccggttna	nggggtttccg	600
nnanccn						607

<210> 273
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 273						
ggtaccgcca	ttattctttt	gggcaccttt	ggttgttttg	ctacctgccg	agcttctgca	60
tggatgctaa	aactgtatgc	aatgtttctg	actctcgttt	ttttggtcga	actggtcgct	120
gccatcgtag	gatttgtttt	cagacatgag	attaagaaca	gctttaagaa	taattatgag	180
aaggctttga	agcagtataa	ctctacagga	gattatagaa	gccatgcagt	agacaagatc	240
caaaatacgt	tgcattgttg	tggtgtcacc	gattatagag	attggacaga	tactaattat	300
tactcagaaa	aaggatttcc	taagagttgc	tgtaaacttg	aagattgtac	ctgccccggg	360
ccgnccgctc	gaaagcttaa	ntggccggtt	cnaanncg			398

<210> 274
 <211> 587
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 274						
actttttttt	ttttttttt	tttgttgaat	caaaagcagg	gtttattttt	ctatcaaadc	60
cccaatccat	gttccagcca	atggatgaag	ggtgaatcaa	gccccacata	gactcttggt	120
aaaaacaatt	ctaactttct	aaaaaaaaaa	aaagccaaca	cacttttttc	tttcttttca	180
aaaagctccc	aggccttttg	gaacagctga	aacaaattca	tatcctgact	aggtctggtt	240
tctcttaggt	atttgatgg	tcctctctg	ctgccacttc	tgcacagatg	aggcactgat	300
aatggcctgc	aggctactca	caatcctagc	tccacatcac	tccatggttt	gataacctag	360
aaccacgtta	tgatttccat	ttataatgcc	ctaagaacag	ctgaaaagat	ctgtattaaa	420
ttctgcaaat	ctttattgag	tgccactatt	tgctgggcac	angctaggcn	ctggattctg	480
ctggttcttg	agaaaccta	aanggnncct	tnggccggaa	cacccttang	gcgaaatcca	540
cncactgggg	ggcgtactaa	ngggatccaa	ctttgggncca	acttggg		587

<210> 275
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 275

actttttttt	ttttttttt	tttgcttta	taagagaatt	tttattgtta	attatttacc	60
ttaatagttt	cagaaagagg	aacaaattag	ctcagtccea	catgattggc	agttggcata	120
ttctagttaa	gcaagtgttc	tgactgctaa	ggattttaatt	tggataaatt	taatacttag	180
ccatctaaca	cttcaagcat	aaccacagaat	aaatgcacca	ccttcctttc	actttaatac	240
ccgnacctac	ctcacttcga	tataagaaat	atcattcaat	atgatttcca	gaaggacaa	300
gtttcctgga	gaatacaggc	atganggaca	atgcacaaaa	agaaaaactc	aaaatnaaac	360
tctggatgga	taattactaa	gctaagggaa	ccaaaccttc	caatttntaa	agaaattaaa	420
tccggttcca	aatgectnat	angnctatgt	tnaaaagggt	ctggattaat	accggaaaag	480
gnttgnttnt	tacaggatnc	cccaaccgtt	acgggccctt	ngcccagaat	gggccttaaa	540
anccaaagng	tcttttccgn	ngaggcccca	tttnanaatc	cttntttt		588

<210> 276
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 276

acttttagata	catcattcct	caaaaagttt	ttaacggaga	aagtggggca	attcaatggg	60
ggaaaggacg	gcctttttta	caaatgggtgc	tggttctact	gggtatctgc	atccttgata	120
cacagaagtt	aactcaagat	ggaccacaga	ctcacatgta	agagctaaaa	taacattcct	180
agaagaaatc	atggaagtaa	atcttcgtga	ccttgatca	ggtaatgggt	actttttttt	240
tttttttttt	ttttttttta	tcagattaat	tttactttat	ttcttcaggc	ctgggggtttt	300
tcgatgactt	caaatttggg	atcttcaaat	ttgaagggtg	gaaatggtat	tcattgtctgc	360
attaccaaac	atttgccttg	acttaaaaag	ctcctctcca	gctcttgccg	atctctgaac	420
tagcatcaac	aggntcctcc	agatgtctgg	nccttaaatt	tggattccct	aatcttgccc	480
acaaagangt	ttcttgata	gggaacaaag	ttcccttatt	naaatgcan	tngtngaacc	540
nccaatgttc	cttcncaaaa	ngggcttaaa	ccggttaccc	aattgacaaa	ggaaa	595

<210> 277
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

<400> 277

ggtactgttc	ctgttgccg	agtggagact	ggtgttctca	aaccgggtat	ggtggtcacc	60
tttgctccag	tcaacgttac	aacggaagta	aaatctgtcg	aaatgcacca	tgaagctttg	120
agtgaagctc	ttcctgggga	caatgtgggc	ttcaatgtca	agaatgtgtc	tgtcaaggat	180

gttcgtcgtg	gcaacgttgc	tggtgacagc	aaaaatgacc	caccaatgga	agcagctggc	240
ttcactgctc	aggtgattat	cctgaaccat	ccaggccaaa	taagcgccgg	ctatgcccct	300
gtattggatt	gccacacggc	tcacattgca	tgcaagtttg	ctgagctgaa	ggaaaagatt	360
gatcgccgtt	ctggtaaaaa	gcttggaaga	tggccctaaa	ttcttgaagt	ctggtgatgc	420
tgccattggg	tgatatgggt	cctggcaagc	ccatgtgtgt	tgaaagcttc	ttaaactatc	480
cacctttggg	tcgctttgct	ggtcengatt	tgagacacac	catttccggn	gggtggcaat	540
caaaccattg	ggccaanaaa	gnttntggac	ttgcaagggg	nccaaatttt	ncccaaa	597

<210> 278
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 278						
ggtacttttt	tttttttttt	tttttttttt	ttagttttatt	aaaataactga	gtttttatttc	60
acatgtatat	ttttgtctcc	ccaccatttc	catgtctgac	caccgctact	actatgtcct	120
atcataacat	tccatacata	cttaaaacca	agcaaagggg	ggagttccat	ctttaaaaaac	180
taaacaggca	ttttggacaa	cacattcttg	gcaatagaac	ctggacaaca	tttatcaaac	240
acggtaggga	aagttctcac	tctgcattat	aaaaaggaca	gccagatata	aactgtttaca	300
gaaatgaaat	aagacggaaa	atttttttaac	aaattgntta	aactatttttc	ttaaagagac	360
ttcctccact	gccagagatc	ttgaatagcc	tcttggnccag	tcattccgga	aacaattctt	420
ccataattga	tgaatttggc	tttcactttt	gggaagagaa	cccccttttc	tatacttggg	480
tgcatttttg	ttaaaggctt	ctacaaacta	gggccttttg	gggtttaaga	gttttcengg	540
gtcttgaagg	ntcttggcct	ttgaacttgg	ggtnaaaang	gttgngcttt	tccat	595

<210> 279
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 279						
ggtacgcggg	gagatacgtt	cgtcagcttg	ctcctttctg	cccgtggacg	ccgccgaaga	60
agcatcggtt	aagtctctct	tcaccctgcc	gtcatgtcta	agtcagagtc	tcctaaagag	120
cccgaacagc	tgaggaagcc	cttcattgga	gggttgagct	ttgaaacaac	tgatgagagc	180
ctgaggagcc	atthttgagca	atggggaacg	ctcacggact	gtgtggtaat	gagagatcca	240
aacaccaagc	gctccagggg	ctttgggttt	gtcacatatg	ccactgtgga	ggaggtggat	300
gcggtctatg	atgcaaggcc	acacaagggt	gatggaagaa	ttgtggaacc	aaagagagct	360
gtctccagag	aagattctca	aagaccagg	gccacttaa	ctgtgaaaaa	agatatttgg	420
tggtggcatt	naagaagacc	ttgaagaaca	tcacctaaaga	gattattttg	acagtatgga	480
aaattgaatg	attgaaatca	tgacttgacc	aagcatggcc	aaaaaagggc	tttgctttga	540
accttgagac	atgattcngg	ataaaatgcn	tcnaatncnt	ntggga		586

<210> 280

<211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 280

actttttttt	ttttttttt	ttttttcttt	tttttttttt	tttttttttt	ttttgaaaaa	60
gtcatgaagg	ccatgggggt	ggcttgaaac	cagctttggg	aggttcgatt	ccttcctttt	120
ttgtctaaat	tttatgtata	cgggttcttc	aaatgtgtgg	taggggtggg	ggcatccata	180
tagccactcc	aggtttatgg	agggttcttc	tactattagg	acttttcgct	tnaaaacgaa	240
ggcttntcaa	atcatgaaaa	ttattaatat	tactgctggt	anaaaaatga	atgagcctac	300
anatgatagg	atgtttcatg	ggngtatgc	atcggggtaa	tccnaataac	gtcggggcat	360
tccgatagg	cccaaaaang	tttntgggaa	aaaaagtttn	atttaccccc	attaaattta	420
tnnnnaaaag	ggattttgcc	taaggttggg	ctaagggggg	ancccnngaa	attgggggaa	480
atcangnaat	gaaaccccct	ntgatggnga	aaaacagctc	ctnttggttg	ggccttatng	540
ggaanngggc	ttcaacntan	naccttnggc	ggnaaaaccc	ttangngngaa	ttnnnnncaa	600
ntgggggggg	tn					612

<210> 281
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 281

acgctgcttc	ttcagagcaa	tacgccgcgc	tttgtgctgc	aggacacgtg	gagtaacaag	60
acgctgaatc	ttgggtgctt	tggctcctagg	tttcttacct	tctttattta	agggctttct	120
tacaacatac	tggcgggacat	catcttcttt	agagagattg	aaaagtttgc	ggattctgct	180
agctcttttg	gggcccaggc	ggcgaggcac	tgtagtatca	gtcagtccag	gaataccctt	240
ctctcctttt	tttacaataa	ccaagttgag	aacgctcaga	tttgcattca	caatgcaacc	300
acgaactgat	tttctctttc	tttctcagtt	ctccttggtc	tgtaacagga	atgcccttta	360
ctcaatanca	ggcggacacg	ggcatgggtc	aagacaccct	gcttcattggg	gaaaccttgg	420
ttgncgttcc	accactggat	tccgaccaca	taaacctttc	attcttnaac	caaacgtaac	480
ancaactttt	ggnggccata	cncctttata	naaagtccgg	ggganaagtn	ttttgcagga	540
caagcctgta	acnaatagtn	aaatcccggg	tttggtattc	taancctttt	ccn	593

<210> 282
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 282

ggtacaattc	aagaaactaa	gtatttatgg	gcattgaaga	aaaaatggtg	agataaaatt	60
gctgtgcaga	aaaaagtgtt	aatgaagccg	acctgactac	ttaaccttag	agacctgctt	120
tacaagggtg	gcccttgatt	ggcatctggg	aacttgaggt	tcagggggct	tccaccattc	180
ccagaactga	tcaaagtagc	ttactatatc	taaactgtaa	aacaatatag	tttctcctga	240
acacctgctt	tccttctggg	agtctggaat	tttggtatgt	gccaggcaga	gactaccttt	300
gtgaccagct	cccagtaaaa	accccaggca	ctcagctctc	aacaagcttt	tctggttgac	360
agtgtttcac	aagtgtctgg	acaactgggt	gctgggagaa	ttaagctcat	cctctgtgat	420
tccactggcc	gaggattctt	ggaagcttgc	acttaagttt	cccctgactt	caccccatgg	480
gcttttttcc	ttgctgattt	ggtttgnatc	cttcctgnat	aaatcatggc	ctgaaccnaa	540
cttgaaaaaa	aaannnnnnn	nnaaaaaaag	gtnccttgccc	ggcggccggt	naaat	595

<210> 283

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(348)

<223> n = A,T,C or G

<400> 283

actttttttt	tttttttttt	tttttttttt	ctattttttt	tttttttttg	ctntanaggg	60
ggtanagggg	gtgctatagg	gtaaatacgg	gccctatttc	aaagattttt	aggggaatta	120
attntaggac	gatgggcatg	aaactgtggt	ttgctccaca	natttcanag	cattgaccgt	180
agtatacccc	cggtcgtgta	gcggtgaaag	tggtttggtt	taaacgtccg	ggaattgcat	240
ctgtttttta	gcctaattgt	gggacagctc	atgagtgcaa	nacgtnttgt	gatgtaatta	300
ttatacgaat	gggggcttna	atcgggagta	cctnggccgn	naccacnc		348

<210> 284

<211> 563

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(563)

<223> n = A,T,C or G

<400> 284

ggtacccatt	aatttgctca	gatatagcag	gcttaatggt	tctatatattt	caaaagtttt	60
taagaatggg	ttctaacgta	ggagagggaa	aacatccacc	atcccttttc	agaattttaa	120
tgaggggcag	ttaacattct	ttacacccaa	aacctatggc	agcagttcaa	atttgaccaa	180
ggtaaagtga	gaatagagat	gttctaaaca	cagctaggac	tcagcaagtc	taacacacta	240
aaatcatatg	attacatttt	aaaagaaaat	gcacaaaaac	caaataagaaa	ttttgagatt	300
tttttttcatt	tgaaggtaat	cttaatgcta	ttaaattcac	aaatgctaatt	ttaaataccc	360
aatcctattt	atctaaaaca	cacattgcaa	acacacaaat	tatctattct	ctccacatgt	420
cagccgcccc	ttcatatcat	ggtttggaag	tgggggagaa	atagattncc	cttaaaactgc	480
aagtcaacan	gggggttctt	acagttaact	ttagccaaat	tcataccaaa	taccogggta	540
cctgcccnng	cggccggttcn	aaa				563

<210> 285
 <211> 422
 <212> DNA
 <213> Homo sapiens

<400> 285

acaatggact	ggataactaga	aatthttcttt	tcaetcaaca	gaacataggc	atcctggaat	60
tcacattttct	gaccttttga	tgtattaata	aagtatggag	aaatatagcc	tcgatcaaac	120
ttcatgcctt	caataatttc	taattcatca	ttcagtgttt	ttccatcctt	tactgtgatg	180
acaccctttc	ttccaacttt	tttcattgca	tcagagatga	tattgccaat	ttctttgtct	240
ccgtttgcag	aaatcgtagc	aacctgtgca	atttcttcag	gggtgggtcac	agggttagac	300
tgtcttttaa	gttcagcaat	tacagcatca	acagctaaca	tcacacctct	cctgatttcc	360
actggattag	cacctttgct	aatcttctcg	aagccttctt	ggctatagag	cgtgccagta	420
cc						422

<210> 286
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 286

actgttctctg	cagggttaagg	caggactgga	actcctccac	agcttgcaca	tagttttcag	60
attcaacact	aacttctccg	agtthtaagat	gtgcctgggc	agcataaagc	tgtgcttctt	120
ttgtttcttg	ccttttaaaa	atgatctttg	ctaaatccag	catatcccag	gcaagctcta	180
ggttcccaat	ctcctcctcc	tcattttctt	gaagagactt	gttttcaagg	actgaatcat	240
ttggcatttc	ttcgggtctta	tcattttctt	tatcatcctc	ttctgagcct	tcagtthcat	300
ctatgtttatc	attattttct	accagagatt	catcttctgn	tnttttctcc	ttcttctctt	360
tncacatgca	caccttccaa	ggcgtttcca	acacaccatt	cttcatcttg	ccaacttcag	420
aagtggattt	ccatagaaaa	agaangnttn	ttcacactta	ttaactgctc	ttcatacttt	480
ttacctnaaa	gactaactgn	ttcctgggaat	gcattggccg	ctgctnggaa	atccccatan	540
cngaagtnt	ggcctaance	aaagtntnta	gttactttcc	catccgac		588

<210> 287
 <211> 583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 287

actggaactc	caggaagcgc	tggccagcct	catacgggag	ccatttttct	ttcactgcct	60
ctgctgctga	catcttcttc	tttcccttca	cacctcgaa	gcctatgaag	gctttctgag	120
caggcttcag	cctgggtggc	atgtcttggt	caatcacacc	ctgggagact	gcgtcctgaa	180
gtgacagctt	ctggcccgtg	gttgggtgga	tgatgccacc	tgtgcaggcc	tgagcctcca	240
gaagcctctg	accogtgatg	ctgtcaacga	tgccccgctc	tataccttct	gtaatggaga	300

ttttctccag	gttttctgtg	tcaaagatgg	ctgcaatggg	gctcgattct	tncaggggtg	360
ctgaaaaaga	actgctcctt	atggntaaat	tcttgacctg	gatatgggtg	aaatcttact	420
tactgattca	tgctcgggagc	tgctaaaaac	atnatcggtg	caccactggc	catgctgtgn	480
ttggngccac	accatttttn	angngacatg	taacnaattg	antaggttag	nttccgaacg	540
gaccttggcc	ggaacaccta	aggngatcan	ncatggggcg	tnn		583

<210> 288
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 288						
gggtacttttt	tttttttttt	tttttttgg	atttagtttt	tatttcataa	tcataaactt	60
aactctgcaa	tccagctagg	catgggaggg	aacaaggaaa	acatggaacc	caaaggggaac	120
tgcagcgaga	gcacaaagat	tctaggatac	tgcgagcaaa	tgggggtggag	gggtgctctc	180
ctgagctaca	gaaggaatga	tctggtgggt	aagataaaac	acaagtcaaa	cttattcgag	240
ttgtccacag	tcagcaatgg	tgatcttctt	gctgggtctg	ccattcctgg	acccaaagcg	300
ctccatggcc	ttcacaatat	tcatgccttc	tttcaacttg	ccaaacacca	catgcttgcc	360
atccaaccac	tcagtcttgg	cagtgcana	gaaaaactgg	gaaccatttg	gggttgggtc	420
cagcattttg	catggaccan	aatgccagga	cccctatgct	ttaaggatga	anntcttatn	480
ttnaaatttc	ttcccataaa	nggcttgcca	ccaangccat	tatngcgngt	gaagcaccac	540
ctgaccata	accctggaat	aattntnnga	aaaccggacc	cttntaccna	atcttttttc	600
agggggn						607

<210> 289
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 289						
actttttttt	tttttttttt	tttgagaatg	aataagcagt	tctttaatgg	ttattttaa	60
atattccaga	agagcgttta	taattcattt	acaagtgcag	tattgcgcta	gtaaatgtta	120
cttgacctct	tgtataaata	atgccgatta	agaattagtc	ctggaatagt	tttcgaattt	180
ctaactctgt	agatctaaaa	cacaattgta	aatggtataa	agatgtaaga	atcatattgt	240
gataaagtca	atctcaaaaa	tagagaatcc	agacccttcc	cagataattt	aagaactgag	300
ttttcctcaa	cttaaacatg	atggccacac	agaaaacagt	aaagacactt	ttcgatgtga	360
tacaactgga	taaaactcga	gaatatgagt	atttagngac	caatgnatan	acattantgg	420
aatttttaaa	ncccttttaa	tctgaagccg	aaaaaaangc	cattttccaa	gaattattgn	480
gccctaata	tcactnann	nngaataanna	tnctttcccn	ggatagnnnn	nnntccnct	540
tnggaaantg	ggccnaantt	ntttggtntn	aaagggggnc	cnttaantcc	n	591

<210> 290
 <211> 592

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = A,T,C or G

<400> 290
ggacttggaa atggttgtct ggaaagcttc cactttggtc ttgacggcat tcaccctctc 60
cagcaccttc tcctggattg ctaccccaaa atcatttcca tcttcaatct tggggatcag 120
gtgttggtatc catgtaatca ccagaatgca tttctctttg agagtccaga cttctggctt 180
aaccagggca agcagggaca ggactttctc attcccaggg agaaatccac acttagggac 240
ttctttcttc tcctgcttat ctgtttccat ctcacatcc ttgggtggag ggtctgggat 300
ggggatgtcc agtggggccc ggaggggaagt caagtcagcc acattgaggg agtcctcttg 360
caagagctga ttcaggtata tgattttctg tggcaagaat ctgtagagga attcctcanc 420
ctnctggaaa agaattctgtc tgaagacctt cacctgggtg cgggctttcc cgctaagcgc 480
accccacacg gtttgggcct gctgntttaa tccttaanct ctggcttccg gntagtcccc 540
cgggaccttg ccggccggcc ntcaaagggc aattcancna ctggcggccg tn 592

<210> 291
<211> 609
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 291
acagtggcat gatctcggct cactgcaacc tctgcctccc gggttcaagc aattctcctg 60
cctcagccac ccaagtagct gggactacag gtgcgtgccca ccacgcccag ctaaattttg 120
tatttttagt ggagacgggg tttcaccatg ttggccagga tgggtctcaat ctctgaccc 180
tgcgatctgc ccacctcagc ctcccaaagt gctgggatta caggcgtaag ccaccgggccc 240
tggcctgttt tatgattctt aatagttact tggtttaaat cacatttgat actatccttc 300
tgaaaagtct gagacagatc tacaactac agtcaaaatt atagattaag aggaatgaat 360
gcacctatct ggctttaagt tgaagatgaa ttattttctca tgctcatttt cttgcngcag 420
ttatcttaga aagaccccca aaggcttggtg attgtaaagc acttgcatga tcacagaatg 480
caagcttctg gtaccttcgg ccgtgacacg ctaagggcga attcatcaca attgcgggccc 540
gtacctatgg atccannctc ggtccaactt ggcggaatca tgggcatact gnttcctggn 600
nnaaatgtn 609

<210> 292
<211> 568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

```

<400> 292
actgccccaga aggagttcat aaagaataca aagaagaccc caaaagatgt cacgatggca      60
ctattgaatt cacgagcatc gatgcacaca atggtgtggc cccatcaaga cgtggtgatt      120
tggaaatact tggttattgc atgatccaat ggcttactgg ccattcttct tgggaggata      180
atttgaaaga tcctaaatat gttagagatt ccaaatttag atacagagaa aatattgcaa      240
gtttgatgga caaatgtttt cctgagaaaa acaaaaccagg tgaaattgcc aaatacatgg      300
aaacagtgaa attactagac tacactgaaa aacctcttta tgaaaattta cgtgacattc      360
ttttgcaagg actaaaaact ataggaagta agggtgatgg caaaatggac ctcaatgggtg      420
tggaaaatgg angnttgaaa gccaaaacca tnnnnnaaaa ncttagggcg aattccannc      480
actggcggcc gtnctaangg atccagcttg gncccaactt ggggtaatca tgggcataac      540
tggtncttgg ggaaaatggt ttcccnnn

```

```

<210> 293
<211> 603
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

```

```

<400> 293
ggtacttttt tttttttttt tttttttttt tttttttctt tttttttttt tttttngcct      60
ttttaaaaaa cttttatttg agnggntntt acaaanattg nngcaatatg aaagtcattt      120
gtttgatana aatatcaagc tgncttgatc aacacnctga agtaacccaa aaatntnttt      180
caaagctcac anagcttaaa aagagcnaag attntntgca accagacaaa acctatttnt      240
gcatttccta tttctttctn aaactgnttt gcctaccaa ctttnacgtt taaacatttt      300
caggaaatgc agggatcatt ttgtttggaa ttttaagacc ccccnngaacn cataggtntt      360
tacaaagaaa cttttcccgat tcccttaatt gaaaagaacc ntccnaaata taaantttgn      420
aaactccent ttttggccaa ttgatcanaa tgccagaaga natgctaacc naanagccct      480
ttaactgggc tgggattcca taccctaaan ggggtttcaa aactgggttaa ccttnnccca      540
attttaacct tngggaaaag ggnaaaggan ccccggggna aaaataaggt tttgaaaaat      600
aaa

```

```

<210> 294
<211> 617
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

```

```

<400> 294
ggtacgcggg gatcgcttcc tggctctcgc cccctccgct gtctccctgg agttcttgca      60
agtcggccag gatgtctcag gctgagtttg agaaagctgc agaggaggtt aggcacctta      120
agaccaagcc atcggatgag gagatgctgt tcatctatgg ccactacaaa caagcaactg      180
tgggcgacat aaatacagaa cggcccggga tgttggactt cacgggcaag gccaaagtgg      240
atgcttgaa tgagctgaaa gggacttcca aggaagatgc catgaaagct tacatcaaca      300
aaagtagaag agctaaagaa aaaatacggg atatganaga ctggatttgg ttactgtgcc      360
atgtgtttat cctaaactga gacaatgcct tgtttttttc taataccgtg gatggtggga      420

```

attcgggaaa	ataaccagtt	aaaccagcta	ctcaaggctg	ctcaccatac	ggctctaaca	480
gattaggggc	taaaacgatt	actgactttc	cttgagtagt	tttaatctga	aatcaattaa	540
aagtggattt	tgtaccaaaa	aaaaaaaaaa	aaaaagtnct	gcccgccgg	centcaaaag	600
gcnaattcan	ccccttg					617

<210> 295
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (606)
 <223> n = A,T,C or G

<400> 295						
cgaggtaactt	ttaccatgaa	catctctaga	ctgtgattat	taaatatagt	gataatatac	60
atgggttttac	tgggatattg	aaaaataaaa	gataatgaac	ccaatttagt	aatcaacat	120
aaatacaaaa	cagagcgaat	tagccctcta	caactgagct	cgtcctgcgt	cttgagcttg	180
ggttctttct	ggaactgtct	caaacccttag	tgggggaagt	gaccttatcc	acagattgct	240
tttcccagag	gttcgcgttg	ctggatacgt	ctcctggctc	caagtcagaa	ggtttgggag	300
caggtgactt	gtttccatct	ggggtttttag	ttagccattc	attgatgccg	ctagaaaccc	360
ctaccttcaa	gccagcagtt	tccttatttg	gtgtgcctgc	tgcantgggg	gatgaaaaca	420
cattcctttc	tnccacatac	tcttggtatg	tgcgtacctg	cccnggcngg	ccgttcnaaa	480
ggccaattcc	acaccactgg	cggccgtact	aatggatcca	aaactcggac	cancttggcg	540
natcatnggc	atactggttc	ctggggnaaa	tggattccgt	tacattcccc	caacttccag	600
ccnggg						606

<210> 296
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (612)
 <223> n = A,T,C or G

<400> 296						
ggtacgcggg	gtgccagagg	aaatcttaaa	gcgcctactt	aaagaacagc	acctctggga	60
tgtagacctg	ttggattcaa	aagtgatcga	aattctggac	agccaaactg	aaatttacca	120
gtatgtccaa	aacagtatgg	cacctcatcc	tgctcgagac	tacgttggtt	taagaacctg	180
gaggactaat	ttaccctaaag	gagcctgtgc	ccttttacta	acctctgtgg	atcacgatcg	240
cgcacctgtg	gtgggtgtga	gggttaaatg	gctcttgtcc	aggatattga	ttgaaccttg	300
tgggccagga	aaatccaaac	tcacctacat	gtgcagagtt	gacttaaggg	gccacatgcc	360
anaatgggtcc	cgcaggaagg	ccgtcaagaa	nggctcgacc	cggntgggtg	ttcaaggaag	420
aaacattgtg	gtcttgggtg	ggaaaaaaaa	tcantgggcc	aactggngga	tgaaagacna	480
tgccggaana	nctgggcttt	ggatgacaac	ccctgcattg	gcttttgang	ccttaccgcc	540
gatccagggt	tntnttaaca	nggcccggtg	gaatgccnaa	nccccgggta	ctttggagga	600
cccggtnctt	gg					612

<210> 297
 <211> 590

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 297

acgcggggga	acacatccaa	gtttaagacg	gtgagggtcag	cttcacattc	tcaggaactc	60
tccttctttg	ggccacggaa	ttaacccgag	caggcatgga	ggcctctgct	ctcacctcat	120
cagcagtgac	cagtgtggcc	aaagtgggtca	gggtggcctc	tggctctgcc	gtagttttgc	180
ccctggccag	gattgctaca	gttgtgattg	gaggagtgtg	ggctgtgccc	atgggtgctca	240
gtgccatggg	cttcaactgcg	gcgggaatcg	cctcgtcctc	catagcagcc	aagatgatgt	300
ccgcggcggc	cattgccaat	gggggtggaa	ttgcctcggg	caaccttgtg	gctactctgc	360
agtcactggg	aacaactgga	ctcttcngat	tgaccaagtt	catcctgggc	ttcattgggt	420
ctgccattgc	ggctgcattg	cnagggtctac	taacttcctg	cccttgccctt	gcaaaaaaaaa	480
aaaccttgcc	agggaaaaag	nccccaancc	ttctgaacca	accanggggc	ccacttttcc	540
aaaatacctn	ggngggaaaa	tncccaattt	tgantttcnn	aggaaanana		590

<210> 298
<211> 590
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 298

ggtactttga	gccactctcg	catggaaagg	agtgtcttta	tgccctcgacc	tcaagctgtg	60
ggctcttcca	attatgcttc	caccagtgcc	ggactgaagt	atcctggaag	tggggctgac	120
cttcctcctc	cccaaagagc	agctggagac	agtggtgagg	attcagacga	cagtgattat	180
gaaaatttga	ttgaccctac	agagccttct	aatagtgaat	actcacattc	aaaggattct	240
cgacccatgg	cacatcccga	cgaggacccc	aggaacactc	agacctccca	gatttaacta	300
aacaaaagaa	actctccacc	tagcactggt	tttcttcatt	gcttactgag	aggggttttg	360
agaacttaat	ctgggggggag	aactgctttc	tcagatcctt	aactcccagag	aagagaagtc	420
cttgtgcaca	gaacttggtg	gaaccttcat	ccgntgtcct	tacctttgga	tccagtgtgc	480
aagtttcatg	acngaatcat	taagatatca	aatggcctaa	tttgngcna	atcatggtat	540
actgggaaaa	ttaggcnaat	ggaacttntc	accgantttg	gtcttttaaan		590

<210> 299
<211> 549
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G

<400> 299

cgaggtacaa	agatctgaca	tgtcaccag	ggaccattt	caccactgc	tctgtttggc	60
cgccagtctt	ttgtctctct	cttcagcaat	ggtgaggcgg	atacccttc	ctcggggaag	120
agaaatccat	ggtttgttgc	ccttgccaat	aacaaaaatg	ttggaaagtc	gagtggcaaa	180
gctgttgcca	ttggcatcct	tcacgtgaac	cacgtcaaaa	gatccagggt	gcctctctct	240
gttggtgatc	acaccaattc	ttcctaggtt	agcacctcca	gtcaccatac	acaggttacc	300
agtgtcgaac	ttgatgaaat	cagtaatctt	gccagtctct	aaatcaatct	gaatggtatc	360
attcaccttg	atgaggggat	cggggtaacg	gatggtgcgg	gcatcatgag	tcaccagatg	420
anggattcct	tttgtgcccc	caaagatctt	tctactttgc	ancacacact	ggcggncgta	480
ctagtggatc	cacttcgnac	caacttggcg	tatcatgggc	tnactggtnc	cgggggaaat	540
ggataccnn						549

<210> 300
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 300

actccagcct	gggcgacaga	gcaagactcc	acctcaaaaa	agaaatattt	agcaaatatt	60
aaaggacaag	aggggaatct	tgtttaaaaa	attataatgc	acgtttagatg	aaaagtaata	120
ggatgagatg	gttgttgctg	aaatagcact	tgctatataa	attcaaacat	tccttttcaa	180
attcagcttc	tcagagggtt	gacttcagat	gcttgagcac	tttcaacatt	atctttgcct	240
ttatccttcn	ttatgcggat	aaacacaact	gctaaaaatta	taccattgat	tttggaact	300
tcccagtcgt	tttgtaagct	tcactgccga	gggaaaatgt	aaaatgggga	ccccgaaata	360
aagtgtgat	catcatcaag	tagcctcgaa	aatgagactt	tcagggtgcac	tgaaggggat	420
ggcagaagaa	caagccccgt	gtagtccttg	ctagcctggg	aagggtggca	ttcacatcct	480
taaggatcan	gtggactttg	acnccgaact	taaaggaaga	accccctatt	ntggggccac	540
cacttgacct	tgggcccggaa	cacccttaag	gcgaattcca	cacactgggg	g	591

<210> 301
 <211> 655
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(655)
 <223> n = A,T,C or G

<400> 301

cgaggtactc	tttaaaaagg	gactgcaggg	ctgggtgtag	tggctcacac	ctgtaatccc	60
agcacttttg	gaggccaagg	caggtgggtc	acttgaggcc	aggagttaga	gaccagcctg	120
accaacatgg	caaaacccca	tctctactaa	aatacaaaaa	ttagctgggc	atgatggtgc	180
actcctgtaa	tcccagctac	ttggtaggct	gaagcatgag	aattgcttaa	acctgggagg	240
cagaggttgc	agtaagccaa	gatcatgcca	ctgcactcca	gcctgggcaa	cagagtaaga	300
ctctgtctta	ataaataaat	aagaaaataa	aacggaactg	cagtgcctaac	agtaatttat	360
acatttttaa	atgttctgag	tatgttttga	ctgggctagt	gtaacaatat	actaccctga	420
aaagtgcagt	tttgattggt	ggtggtgtct	ttgggtcang	aaaagtgaac	tgtgccaaaga	480
agtatttttc	aatgacatga	atggattnct	gttaatgcaa	ttgactgaga	aaatgngctt	540

acgctttctt	aactgcaaaa	agagntttgt	ccacatcana	attggttgaaa	ctggngctgt	600
ttctgttgcc	tgggatctga	tgactgggat	ttcctcttgg	acaaaanacc	tgatn	655

<210> 302
 <211> 513
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(513)
 <223> n = A,T,C or G

<400> 302						
actcgtcttg	gtgagagcgt	gagctgctga	gatttgggag	tctgcgctag	gcccgccttg	60
agttctgagc	cgatggaaga	gttcactcat	gtttgcaccc	gcggtgatgc	gtgcttttcg	120
caagaacaag	actctcggct	atggagtc	catggtgatg	gatcctgagc	ttgaaaaaaa	180
actgaaagag	aataaaatat	cttttagagtc	ggaatatgag	aaaatcaaag	actccaagtt	240
tgatgactgg	agaatattc	gaggacccag	gccttgggaa	gatcctgacc	tectccaagg	300
aagaaatcca	gaaagcctta	agactaagac	aacttgactc	tgctgatttt	tttttccttt	360
ttttttttta	aataaaaata	ctattaactg	gacttcctaa	tatatacttc	tatcaagtgg	420
aaaggaaatt	ccaggcccat	ggaaacttgg	atatgggtaa	attgatgacc	aataatcttc	480
acttaaagnc	atgtcctttg	gccgcgaaca	cgc			513

<210> 303
 <211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 303						
acgcggggct	tgacagagccg	gctccggagg	agacgcacgc	agctgacttt	gtcttctccg	60
cacgactgtt	acagaggtct	ccagagcctt	ctctctcctg	tgcaaaatgg	caactcttaa	120
ggaaaaactc	attgcaccag	ttgcggaaga	agaggcanca	gttccaaaca	ataagatcac	180
tgtagtgggt	gttggacaag	tnggtatggn	gtgtgctatc	agcattctgg	gaaagtctct	240
ggctgatgaa	cttgctcttg	tggatgtttt	ggaagataag	cttaaaggag	aaatgatgga	300
tctgcagcnt	ggggagctta	tttcttcana	caccttnaaa	ttgtgggcag	atnaagatta	360
ttctgtgacc	cgtcaattct	tanattngta	gttggttnact	gcatggaatt	cngtcagcaa	420
gaaangggaa	aantctngtt	caatttggtg	gnataagaan	tggttaattg	tcttcaaatt	480
cnttattcct	tcaganccgc	caagtacctn	ggccgnganc	atgcctaagg	gctaattcna	540
ctcantggng	gccgntctan	ntggattcca	ncttggtacc	aancttgng	ntattnatgt	600
caatanctgg						610

<210> 304
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 304

ggtacctgga	attatcta	att	tgccagagg	tgccgcccga	cccatcagtt	cgaaatgtag	60
aagtaataga	gttggcaaaa	gaatggaccc	cagcaggaaa	agcaaagcaa	gagaattctg		120
ctaagaagtt	ttattctgaa	tctgaggaag	aggaggactc	ttctgatagt	agcagtgaca		180
gtgagagtga	atctggaaag	tgaaaagtgg	agaacaaggc	cgaaagtggg	ggaggaagga		240
gacagcaatg	aggacagcag	tgangactcc	tncagtgagc	angacagtga	gagtgacgg		300
gagtcaggcc	tagaaaacan	angaacagcc	nagangaact	caaaagccaa	agggaaaaag		360
tgattctgaa	gatggggaga	aggaaaatga	aaaatctaaa	acttcagatt	cttcaaata		420
cgaatctagt	tcaattanaa	gacagttctt	ccgattcttg	aatcagaatc	agaacctgaa		480
agtgaatctt	gaatncngaa	cagtcgctta	ggagaaagaa	agaaaccaag	caggattgac		540
tccttttnc	aagntgttcc	ttctaaactg	gatgatttaa	ccngntccct	cagtgn		596

<210> 305

<211> 629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(629)

<223> n = A,T,C or G

<400> 305

ggtactttnt	tttttttttt	tttttttttt	tttttttttt	tggggattta	ntttttattt	60
cataatcata	aacttaactn	tgcaatccan	ctaggcatgg	gagggaaaca	ggaaaacatg	120
gaacccaaag	ggaactgcag	cgagagcnca	aanattntng	gatactgcga	gcaaattggg	180
nggaggggng	ctntcctgag	ctacaaaagg	aatgatctgg	tggnataaat	aaaacacaag	240
tcaaacttat	tnnagttgtc	cacagncagc	aatggngatc	ttcttgctgg	ncttgccatt	300
cctggaccca	aagcgtccca	tgccctccac	aanattcatg	ccttctttna	ctttgccaaa	360
caccacatgc	ttgccatcca	accactcant	cttgggnagng	cagatgaaaa	actgggaacc	420
atttttnttg	ggtccnecat	ttccatggca	aaangccang	accnttgct	ttaagaagaa	480
aatctcatct	tcaaattctn	ccctaaanga	cttgcncan	gcctnttggg	tgngaagcnc	540
cccctgncca	taaccttgga	tatttttgaa	agaggancet	ntacnaacnt	ttttccnggt	600
aanaaaaaat	ttttnttttg	acctnccca				629

<210> 306

<211> 643

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 306

acagggagga	atttgaagta	gatagaaacc	gacctggatt	actccggtct	gaactcagat	60
cacgtaggac	tttaatcggt	gaacaaacga	acctttaata	gcggctgcac	catcggtgat	120
tcctgatccc	ccgcgtacat	ttccttgtag	actctgttaa	tttctgcag	ctcctggttg	180

gttctggagc	agatgatctc	aatgagagag	tcctcgtcgg	ttcccagccc	cttcatggaa	240
gcttttatct	cagaagcgtc	atactgagca	ggtgtnttca	ataggcccaa	aatcacgctc	300
tccaggtggc	cagataaggc	tgacttcaat	gctgatgcaa	gntccttttt	ggtccttctc	360
tggtaggcga	aggnaatatc	ctgtctctgt	ncattgcttg	cggntgggca	aaatgttgac	420
aatggtgacc	tcacccacac	ctttggtctt	tgatggntgg	ntcaatgttc	aaagcatccg	480
ctcagcatca	aaantaagta	tangctttgc	agacccatat	gcacttgggg	gngnngagng	540
acaccctcca	actgaacttg	ccaggatttn	tgaaagtaan	anttttaaga	acttgccgnc	600
cccanactaa	acnnccaatc	tagcccnntn	cctaacggcc	aag		643

<210> 307
 <211> 643
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

<400> 307

cgaggtactt	tttttttttt	ttttttttnt	ttnttnttnn	tttggggatt	nantttttat	60
ttcataatca	taaacttaac	tctgcaatcc	aactaggcat	gggagggaac	aaggaaaaca	120
tggaaaccaa	agggaaactgc	ancgagagca	caaanattct	nggatactgc	gancaaatgg	180
ggnggagggg	tgctctcctn	agctacaaaa	ggaatgatct	ggtgggttaan	ataaaacaca	240
agtcaaaactt	attcnagttn	tccacagnca	gcaaagggga	ncttcttgnt	gggcttgcca	300
ttcctggacc	caaaacgctc	catggnctcc	caaaatttat	gccttttttt	actttgccaa	360
anaccacatg	ctttgccttc	caccnctcan	tttttgnggg	ggnaaataaa	aancgggaac	420
cnnttggtgt	tggncnaca	ttttccnttg	gnaaaaaacc	ncgaccctt	tntttaagaa	480
naaaatttta	nttttaaaat	tttcccttaa	aaaggactgg	cccnaaggcn	ttttgggggn	540
gaagcccncc	ntcccnnaaa	cctgggaaaa	ttttggaagc	nggacccttt	accaaattctt	600
tntcctgggt	aaaaaaaaat	tttttttttt	gacctttccc	aan		643

<210> 308
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 308

cgaggtacag	agagtagctt	ctgtgatgca	agaatatact	cagtcagggtg	gtgttcgtcc	60
at ttggagtt	tctttactta	tttgtgggtg	gaatgagggg	cgaccatatt	tatttcagtc	120
agatccatct	ggagcttact	ttgcctggaa	agctacagca	atgggaaaga	actatgtgaa	180
tgggaagact	ttccttgaga	aaagatatata	tgaagatctg	gaacttgaag	atgccattca	240
tacagccatc	ttaaccctaa	aggaaaagctt	tgaagggcaa	atgacagagg	ataacataga	300
agttggaatc	tgcaatgaag	ctggatttag	gaggcttact	ccaactgaag	ttaaggatta	360
cttggtctgc	atagcataac	aatgaaaagt	actgaaaaat	ccagaatttc	agataatcta	420
tctacttaaa	catgttttaa	agatgggttg	tttgcaagac	tttttgcata	cttanttcta	480
catgaattaa	atcactgggt	tnaaatgaca	cttattaatc	ctaataactg	gtnaaccnc	540
aaaaaaaaaa	aaaaaaaaaa	ntacttnccc	ggcgcccgctc	gaanggcaat	tcacncctgg	600

cggccgtcta tggatccacc cggncacct gggnaacagg cnactgggttc tgg

653

<210> 309
<211> 649
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 309

acttgcaaaa	gcacttgaag	tcattaaacc	agctcatata	ctgcaagaga	aagaagaaca	60
gcatcagttg	gctgtcactg	cataccttaa	aaattcacga	aaagagcacc	agcggatcct	120
ggctcgccgc	cagacaattg	aggagagaaa	agagcgcctt	gagagtctga	atattcagcg	180
tgagaaagaa	gaattggaac	agaggggaagc	tgaactccan	aaagtgcgga	aggctgagga	240
agagaggctg	cgccaggaag	caaaggagag	agagaaggag	cgtatcttac	aggaacatga	300
acaaatcaaa	aagaaaactg	tccgagagcg	tttggagcag	atcaagaaaa	cagaactggg	360
tgccaaagca	ttcaaagata	ttgatattga	agaccttgag	gaaatggatc	cagattttat	420
catggctnaa	cagggtgaac	aactggagaa	agaaaagaaa	gaacttcaga	acccttaaga	480
atcagaaaag	aagattgctn	ttttgaagac	ccacctttgg	aaaaattcct	ttgttaagag	540
ccttttcgagg	acagaaaatt	aagacatggt	ctggggngcc	cccaggagga	aagaattctc	600
ctgcccttga	cgtgaaaggt	nttgcataaa	atcatgtccn	atcttgaga		649

<210> 310
<211> 319
<212> DNA
<213> Homo sapiens

<400> 310

cgaggtacta	gccggacttg	gattttcttg	aaagatttca	gttgaggaac	gggaacaaag	60
attatgatag	ctttccgacc	accaccaact	tcaatttcct	tagctgccgt	aatattcagc	120
tccctgagct	gagccttgag	gtccgagttc	atctccagct	ccagaagagc	ctgggagatg	180
cgggactcga	actcgtccgg	cttctcgcca	ttgggcttca	cgatcttggc	gctcgaactg	240
aacatggctt	tctcctggga	gaacttgccg	agcgccggct	taggaagaga	ccccgcgtac	300
ctgccgggcg	ggcgctcga					319

<210> 311
<211> 646
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 311

cgaggtactg	atgcaacagt	tgggtagcca	atctgcagac	agacactggc	aacattgcgg	60
acaccctcca	ggaagcgaga	atgcagagtt	tcctctgtga	tatcaagcac	ttcgggggttg	120
tagatgctgc	cattgtcgaa	cacctgctgg	atgaccagcc	caaaggagaa	gggggagatg	180
ttgagcatgt	tcagcagcgt	ggcttcgctg	gtcctccactt	tgtctccagt	cttgatcaag	240

ctgcacatca	ctcangattt	caatggtgcc	cctggagatt	ttagtggtga	tacctaaagc	300
ctggaaaaaa	ggaggtcttn	tntggcccca	aaccaatggt	ctgggctggc	caatgacttc	360
acatggggca	atggcaccaa	caccggcaga	acttgnaccc	tattgccaca	acatgtcctt	420
atctnaatga	nggncttctt	tgtgaaaaca	aaccccatc	cccgaatta	agnacaantt	480
cttcaaactt	gggtggnttc	aagggcctcg	atngcctgcc	catatngggg	ttttgccata	540
aaacacaacn	ttccnnaaag	gaatccgant	nttgttttgt	tggancccat	ttttgttccc	600
aagaaaattn	ggtaatatcc	aaattgggga	attaggaaaa	tgggnt		646

<210> 312
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 312						
cgaggtactt	ttgtgagagg	gttcaatggg	agagctttta	tgcagatgag	acttgaagct	60
tctgaagaag	atctaagtct	tgatgaggtt	attcaaactc	aaatcttgaa	tgcataatga	120
tgataggcca	tggctttcaa	aaacgtggta	cttttaatag	caacagggtt	tcaccatggt	180
ggccaggctg	gtctcaaatt	cctgacctca	agtgatctgc	ccacttaagt	gctgggatta	240
caggcatgag	ccacaacatc	tggccagaaa	tattttttct	tttctttctc	tttctctctc	300
tctttttttt	tttttttttt	tttggagctc	gctctgtccc	ccagctgcaa	tgcaatgggg	360
caatcttaac	ttactgnaac	ctcccccttc	aggtcnaaag	aatctttgng	ctacctccta	420
natntnggaa	tacaagggcg	tccccacct	actaattttg	ntttttaaga	aaaggagggt	480
ttancatggt	ggttnngntga	tcccaacctc	cgaccttaan	gancctccgc	ctaatttcca	540
aaggctggat	nttggctgan	cccacccnc	ttaaccaaaa	ttnaaattct	tttntcctgc	600
cgggggcggt	aaaggggaatc	aa				622

<210> 313
 <211> 674
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 313						
nggacttgaa	atcattgaag	ttctgcaaaa	aggagatgga	natgcacaca	gaaagaaaga	60
tacagaggtc	cgcagacggg	agctcctaga	atccatttct	ccagctttgt	taanctacct	120
gcntgaacac	gcccaagacg	tgggtgctaga	taagtcagcg	tgtgngtagg	tntctgncat	180
tccnggggaac	agacnaattn	gaccatnagg	naacctgagc	ttnccaaagt	ncgcaaggct	240
gaagaagana	ggctnctcca	ggaagccnac	gagaaagana	aangagccgt	attttacncg	300
aacatgaaca	aatcaaaaaa	naaaactgtc	cgaaaaccgt	ttggagcaaa	ncaaanaaaa	360
cagnacctgg	gngcccaaag	cattcnaana	tatttgttat	tanencaccn	tgatggattc	420
naaacnttat	ttttncttgg	cncggctggn	ccgcccggct	ngngnaaaga	aaagaacttt	480
nctaccnctc	ccgaatcaag	aaaagaanat	ggcttttttn	taaaanncaa	cccttgggaa	540
aaaattcttt	gtttaananc	cctccaangc	ccgggaaatt	aattcatgct	ttgtgtgngc	600
gaccnannaa	aaaanaanan	atccttcctt	ccccttaann	gaaaagggcc	ttncaaaaaa	660

tgattgccca agnc

674

<210> 314

<211> 646

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 314

actttttttt	ttttttttt	ttttttttt	tttgagatgg	agtettgctc	tgtcgcccag	60
gctggagtgc	agtgttgcca	tctcagctca	ttgcaacctc	tgcttcccag	gttcaagtga	120
ttctcctgcc	tnagcctcct	gagtagttgg	gactacaggc	acatgccacc	atgcctggct	180
aatttttttg	cattttttaag	tanagacagg	gtttcatcat	gttggccagg	caggtnntcaa	240
actcctgacc	tcaagtgate	cacctgtctc	agcctcccaa	agtgtctgga	ttacaggcat	300
gagccactgn	accggccta	aaaatgatta	cttcttataa	aaaggatttc	ttccccctca	360
caacacttan	cttccttttt	ctttcctggg	aactatgggt	ntggngnccg	cataaggatc	420
taccttnenc	aagctggaca	ntggggggtg	ctncttgang	gnaactcagg	ccanatacng	480
accctggggg	gaacnctaaa	cttacttggg	tanaaccggg	gctaacattt	ctgcttgnga	540
ngttgattcc	ccncaaattt	ttaaaaggnn	tttcatggcc	cttagggcaa	ccattttaca	600
aagatgggnc	acatggnctt	ggccgnaacc	cctangngaa	ttcnncn		646

<210> 315

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 315

acagtctttg	gatatttagg	aaggggatgg	ggagaaagtc	agttctcaga	acaaattagt	60
cagcttcagt	ctcgtcagca	gggtctttgg	attctttgtt	cttccgcact	tcttcaatgt	120
gcttatcctt	ctctcgcaaa	cgttccagtt	tggcagccat	ttgtgcctct	cggttctctt	180
tattagcttc	catttttggtg	gtcagtttct	cttctgccat	tttactgaag	ttgntgttct	240
cttctattgc	cttctgaagc	acttctttct	cgtgctctcg	tttctcanc	agctgcttca	300
agaccttagc	ttcatgggac	ttgcgtcttt	cttctgcagc	ttctaatttc	ttctgaattt	360
cctccaggga	aagaccttct	tctttggaag	ggaaaggggg	aattctggaa	ccagattctt	420
ttgacccaag	gctgaaaatc	agcttaaaa	cctggccttg	angcaccnt	tttcagntct	480
ttcacctgga	tatcntaaag	aagccctngt	gattnaaaac	aagccnaccg	gcantnnatt	540
ntgncaanan	cnnggataan	gnaatccctg	tnaantccna	ccccnacc	cattttcccg	600
ggaccttggc	ngnaaccctt	tanggnga	tcnncnctn	ggcgggcgta	ctaangggac	660
ccaccg						666

<210> 316

<211> 656

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 316

actcttggtt	tgtcaatggg	actttccagc	aatccacca	agagctcttt	atccccaaca	60
tcactgtgaa	taatagtggg	tcctatacgt	gccaaagcca	taactcagac	actggcctca	120
ataggaccac	agtcacgacg	atcacagtct	atgcagagcc	acccaaaccc	ttcatcacca	180
gcaacaactc	caaccccggtg	gaggatgagg	atgctgtagc	cttaacctgt	gaacctgaga	240
ttcagaacac	aacctactgt	gggtgggtaa	ataatcagag	ccttcccgnc	aagtcccagg	300
cttgcagctg	gccnatgacc	aacaggaccc	tnactctact	tagtgtcaca	aggaatgatg	360
ganggaccct	atgaagtgtg	gaaaccagaa	ccaattaagt	ggtgnccaca	cganccaggc	420
attcttgaat	ggcccttatg	gnccanaaga	acccaccatt	tcccctnata	cacctaatnc	480
cgtccagggt	gaaccttaag	ctntctggca	tgcaancctt	aacctctggc	aggattcttg	540
gnttaatgaa	gggaacattc	nnaccnccc	agaagttttt	attttcaact	tacttggaan	600
aaegggggct	ntttactgcc	ngccataact	taacnggggc	cnnancggac	ttcgnn	656

<210> 317
 <211> 636
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 317

actttttttt	tttttttttt	tttttttttt	tttgnagtca	gctattttaat	taggttctta	60
agacatttag	aacaccaatt	tgngaggata	aattccattc	gtcagagcaa	acacagatcg	120
caggtagccc	tggagctgag	gaatagcttt	gattttttgg	aaaattttgtg	agtccacagc	180
tttctgatca	atcttgcgct	gctccgtaat	ctcatatttc	cctttttctg	ggnccgaaaan	240
cttacctttc	tgggggnntgg	gcttncgcag	cttcttcttn	ttgaagtaag	catnagtaan	300
aagntttggg	antttttacan	tgntgatann	catttttggt	gaagnggnan	tgacnaattt	360
ctgggggggt	cttcgtaaag	gaactcnant	gaggcccaag	ggnccgtcen	agtaataagg	420
ccctnnncan	tgggttangga	aacccccctnt	tggcctgggg	ggnccangag	gntgatccaa	480
atggccccgg	ggaaaagcng	gntcaanttt	tnacggctnc	tnaaagggtt	ttgccnggnt	540
taancctttn	ggncnttttc	agnggaaana	ccngctttgn	nantntaccc	cgggntcctc	600
ggcggaaacc	nttaggggna	attncncnct	ggggggg			636

<210> 318
 <211> 654
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 318

cgaggtacgc	ggggcctttc	tgcccgtgga	cgccgccgaa	gaagcatcgt	taaagtctct	60
cttcaccctg	ccgtcatgtc	taagtcagag	tctcctaaag	agcccgaaca	gctgaggaag	120
ctcttcattg	gaggggtgag	ctttgaaaca	actgatgaga	gcctgaggag	ccattttgag	180
caatggggaa	cgctcacgga	ctgtgtggtg	atgagagatc	caaacaccaa	gcgctncagg	240
ggctttgggt	ttgtcacata	tgccactgtg	gaagagggtg	atgcagctat	gaatgcaagg	300
ncacacaagg	tggatggaag	aattgtggaa	ccaaagaaaa	ctgtcttcag	agaagattct	360
taaagaccan	gtgccactt	aactgtgaaa	aagatatttg	gtgggtggcat	taaagaagac	420
actgaagaac	atcactaaga	gantattttg	aacagtatgg	anaaaattgn	agngattgaa	480
atnatgactg	ccnangcagt	ggcancaaan	ggggcctttg	ctttnnacct	ttgacnacca	540
tgactcnnng	ataaaatggn	attcnnaaat	ccctcntgng	aatggccnca	ctgggaagtt	600
ngaaanctn	ncaacnagaa	agggtnecnt	tnntccncca	aangcnaang	tttc	654

<210> 319
 <211> 659
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

<400> 319

acgcggggaa	gccaactcag	actcagccaa	cagagattgt	tgattttgct	cttaagcaag	60
agattcattg	cagctcagca	tggtctagac	cagctcatac	ttcatgctga	tctcctgctt	120
gatgtttctg	tctcagagcc	aaggccaaga	ggcccagaca	gagttgcccc	aggcccggat	180
cagctgcccc	gaaggcacca	atgcctatcg	ctcctactgc	tactacttta	atgaaagacc	240
gtgagacctg	ggttgatgca	anatctctat	tgncagaaca	tgaattnngg	caacctggtg	300
tctgtgctna	cccangccca	aggtgcctt	ggggcctcac	tgattaanga	aantggcact	360
gatgacttca	atggctggaa	tggccttcat	gaccccnaaa	aagaacccgc	gnttgactg	420
gacagtgggt	ccctngntct	cttacaagtc	tggggcaatt	gganccccaa	nccatgntaa	480
ttcnggctac	tgggggtgagc	nnacctcagc	ccaggatttn	gaantggaan	gcctgncttg	540
ggaanacaag	ttcttctttt	gctngcaagt	tcaaaaccta	atgcagctgg	aaaatcatnt	600
ctanaactga	tcagcattcn	accgnttcaa	attaaccggc	ctttttcant	tanttaccg	659

<210> 320
 <211> 664
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 320

ggtactctgc	cttttaggag	atgaggttaag	acatatatac	agatggcctt	tactagccaa	60
ggcaatgtaa	atggactaag	attctcatgt	gacttgaggt	tatctgatga	atttattctc	120
ttcaaaacca	cctactttta	gagggcatgt	ttaacccttc	tctttattta	aggagggaga	180
gaaaaacaca	tgtaaccaga	attcagagtg	ggttactcaa	cctaagagaa	catacggagt	240
tctctttggg	aaaacgacaa	gactacagtg	ttcacttcgc	accatgaagt	ggcactcctg	300
ntatggctgc	agantcctct	tacttcttat	gaaaggatgc	atctgattct	gaaattactg	360
atatattoga	tcagttaggg	atgnnttaaa	aagngaaaac	caatgccaca	catacacttt	420

ctagctttct	gaaaatnacc	cgacacattn	ccnaaaatng	agaatttacc	ctattacttt	480
tagagaaatt	tccataatat	tcttgggtaa	agaanccng	ttgggcatat	tnccaatttt	540
cagnggncnt	gggttttatgc	ccnaganccc	aataggntcc	cccatttttt	aaggcttttt	600
ccacngacga	ttttttaaan	cnttctnnan	tgggggaaga	ataatcttaa	aagtngnctt	660
atnt						664

<210> 321
 <211> 666
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

<400> 321						
cgaggtacag	tattacagtc	agccacagaa	gctgtgttgg	gggacaagac	ccaatccttc	60
cccacaccag	gcaaagcagt	attggacatg	agttggcatg	tggctgggcc	cacgtcctta	120
tccccaggc	ctgaggggag	accaccttct	gatgataacc	aacccttagc	taccactctg	180
tattcatcag	gggaggggta	taaaccctgc	atgcaagaag	aacccttgcc	cccagtgta	240
aatgggatgg	ggatgctaga	gttatagtaa	aggggaaacc	ctatgtaagc	tgntaacaga	300
gttcacaggg	gtagggataa	cccctgntct	tcagctncca	aatgngctca	ctttccagct	360
tcttcatccg	tcataaatgc	tggcaaagtt	tcctnaact	gnggccaggt	tttcacgcat	420
gggtggctgc	acctgggtca	aaaaggtggn	attggcctnt	aaggaattag	caatcatntg	480
ctgggtggga	ttccagtgtg	taaggaactt	anccaactgc	atggnntgnt	tgtgcanctg	540
cttgatggng	acaagtttnt	gcaccanctn	aaggaaggtg	gaagcatggg	gctcaacctn	600
gataagttca	tatacttggg	gcnccttgct	ttgggatctg	catntttaca	aggnttatcn	660
tgscan						666

<210> 322
 <211> 631
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 322						
accggaaagg	aagctcccat	tcaaaggaaa	tttatcttaa	gatactgtaa	atgatactaa	60
ttttttgtcc	atttgaaata	tataagttgt	gctataacaa	atcatcctgt	caagtgtaac	120
cactgtccac	gtagttgaac	ttctgggatc	aagaaagtct	atttaaattg	attcccatca	180
taactgggtg	ggtacatcta	actcaactgt	gaaaagacac	atcacacaat	caccttgctg	240
ctgattacac	ggcctggggg	ctctgccttc	tccccttacc	cttcgggctc	cacccttcct	300
gcaacaacag	ccctntacct	ggggggcctg	ntagaagaga	tgtgaagggt	tcaaggctcg	360
aacctgtggg	actactgcta	ggtgtgtggg	gnggttcgcc	tgcacccctg	ggttctttaa	420
gncttaaagt	gatgccctt	tccaaccatt	attctggnc	cacacttctc	actccggcct	480
tggnncan	taaatgnacc	ccttcacttc	ctntgagaat	ggccttcgng	aagaatcnag	540
gctttcccaa	ncttctttcc	ccccnttata	angggngctg	gttttctnct	ctcnaaggct	600
ntttgaccgn	accaccaaac	ttctgaattn	t			631

<210> 323
 <211> 647
 <212> DNA
 <213> Homo sapiens
 .
 <220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 323

actgtgggtc	gaagtaatgg	atacggacgt	aaccatcttc	gccgccgctg	ctgtagctct	60
tgccatcagg	atggaaggca	acactgttga	taggtccaaa	gtgacccttg	actcttccaa	120
actcttcttc	aaaggccaaa	tggaagaacc	tggcctcaaa	cttgccaatc	ctggtggagg	180
ttgtggttac	atccatggct	tcctgaccac	cgcccaggac	cacatgggtca	tagttggggg	240
agagggcagc	tgagttgaca	ggacgttctg	tccggaaagt	cttctgatgt	tcaagagttg	300
tgagatcgaa	aagcttggct	gtgttgtcct	tggaacgagg	cacaaacatg	ggcatgtccc	360
tgataaactg	gatgtccgtg	atctgcccgg	agtgtcttct	aacattncca	acacctnttc	420
aaanttggca	ctatactggg	tgagctcttc	acttttatng	gcaacgnatg	atcaactccc	480
caagggtccc	caaacagcac	tggggaattt	agagncattc	cagggaaactt	tatgtagggt	540
tcatggtgca	attggttnga	tccccaggtc	aaaaagttnc	aaacactgga	nccctttctt	600
gtccnnggag	aacatgttat	ttgccccaa	taaaaccng	nccggng		647

<210> 324
 <211> 653
 <212> DNA
 <213> Homo sapiens
 .
 <220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 324

ggtacttttt	tttttttttt	tttttttttt	ttgagatgga	gtcttgctct	gttgccagac	60
cggagtgcag	tgggtgcgatc	tgggctcact	gcaatctcca	cctcccgggt	tcaagcgatt	120
ctcctgcctc	agcctcccga	gtaactggga	ctacagggtg	gcgccacca	gcccagctca	180
tttttgtatt	tttagtanag	atggggtttc	acgatgttgg	ctaggatgg	ctcgatctct	240
ggtcagagtc	ttttctgtaa	aaatccttgg	taaagaagca	attttagact	gtancctgtt	300
gcaaattgcnt	taaggaagaa	gcaaaaaca	tgntagtctt	tctgaaatga	aaaaactacn	360
ccagggtggt	tatatnnaga	gcaaccccaa	ccannactnc	catcntgatg	cccacagggg	420
cccactgana	naccnngaaa	angtcennaa	gentaaannt	ngangcnttg	cttttgaaat	480
attgcgccng	taccnagntn	nagacaaaacn	ngnttaaggc	ccnnantntt	tggccngant	540
ttgcgataaa	aaaaaacttgg	gggtcgctnc	nngatcccn	ttgtncceca	naantctggg	600
ggatgggttn	aagcccntgn	cnnaagggtt	nngttctccc	aaggtaaaan	nng	653

<210> 325
 <211> 655
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(655)
 <223> n = A,T,C or G

<400> 325

ggtacgcggg	gcctttttggc	tctctgacca	gcaccatggc	ggttggcaag	aacaagcgcc	60
ttacgaaagg	cggcaaaaag	ggagccaaga	agaaagtggg	tgatccattt	tctaagaaag	120
attggtatga	tgtgaaagca	cctgctatgt	tcaatataag	aatattgga	aagacgctcg	180
tcaccaggac	ccaaggaacc	aaaattgcat	ctgatgggtc	caaggggtcg	tgtgtttgaa	240
agtgagtctt	gctgattttgc	agaatgatga	agttgcattt	agaaaattca	agctgattac	300
tgaagatggt	caagggtaaa	aactgnctga	ctaacttcca	tggcatggat	cttaccctgt	360
acaaaatgtg	gtccatgggc	aaaaaatggc	agaccatgat	tgaagcttac	ggtgatgtca	420
agactaccga	atgggtactt	gcttcgtctg	gtctgggggtg	ggtttactaa	aaaacgcaca	480
atnanatacc	gaagaactct	tatgcttang	accacangtc	cngccaatcc	ggagaanata	540
tggaaatctg	accccaaagn	gccnaccaat	gacttgaaaa	annggccatt	aatgggttcn	600
nacacnttgg	aaaagcctta	aaaggttgcc	aantattaac	ctntcatgaa	gnttc	655

<210> 326
 <211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

<400> 326

ggtacgcggg	ggaaacggga	gtgaacggag	agcgtagtga	ccatcatgag	cctcctcaac	60
aagcccaaga	gtgagatgac	cccagaggag	ctgcagaagc	gagaggagga	ggaatttaac	120
accgggtccac	tctctgtgct	cacacagtca	gtcaagaaca	atacccaagt	gctcatcaac	180
tgcgcgaaca	ataagaaact	cctggggcgc	gtgaaggcct	tcgataggca	ctgcaacatg	240
gtgctggaga	acgtgaagga	gatgtggact	gagggtacttt	tttttttttt	ttnttctttt	300
ttttgagata	gggnctcact	gnatnaccca	ntntggaatg	caattggcat	gaacncagct	360
tactgnagnc	ttccaaacct	gggctcaagc	aattatnttg	nattaacctn	ttgagtacct	420
gggactntcn	cangcaccan	ccctgctttg	cttacttaaa	tttttgtnaa	nacnnggctt	480
gctttttttc	ccaggntggn	tcnaactccn	gaattaaggg	atccttcccc	ctcaattttt	540
aaannngctg	ngattntnga	atangccttt	ttgttngccc	ttttnacctt	ttnnnnggtt	600
nnttcnnggc	tttaancctn	ccggggggccn	tttaaaggng	aaatcncncc	ttggggg	657

<210> 327
 <211> 658
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 327

ggtacttttt	tttttttttt	tttttttttt	tttttttttg	tttgaaacag	aaattttattc	60
tcanaataat	gcacagaagc	acaggttgag	gctactcttg	ggaagcttcc	ctccccctcc	120
tcttcctcct	ctccctcctc	tctgaatgcc	agggagaaca	cagttgaagg	aaggaaacat	180

gcaatcacaa	acaatgaaca	actntaaaga	caaaaaggtt	tgggtccaaaa	gaactcaaca	240
taattaatcc	aatgactgtg	aanagcttca	ctgagtagga	ttaanatatt	gcagatgtan	300
ngtttncaca	gggtggctnt	tcagtgcacc	ancggggcct	ncttgangga	natgaggact	360
gacncatncg	ggaaanatct	ttggcctgct	tgctaaactt	ggggntaaag	gcacacnnnc	420
cgggccaccc	gttccactna	nngcctgggg	accanttgct	aatgncnttt	ccnaangntt	480
tttttgntgc	cttggtggtg	nttttggttt	ctggaactgn	tcgncctgnc	ttgnaaacca	540
ttntntnaac	nccttaatgg	cctttctttt	cnnnctggtt	ntgnttccaa	aatnggatta	600
ngggttcang	ngcccctact	tnccgggggc	ngttaaangg	naattccncc	nctggngg	658

<210> 328

<211> 644

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 328

acgcggaagg	tgggtttttg	gcccgtttct	gagcagcgct	tcctttttgt	ccgacatctt	60
gacgaggctg	cgggtgtctg	tgctattctc	cgagcttcgc	aatgccgcct	aaggacgaca	120
agaagaagaa	ggacgctgga	aagtcggcca	agaaagacaa	agaccagtg	aacaaatccg	180
ggggcaaggc	caaaaagaag	aagtgggtcca	aaggcaaagt	tcgggacaag	ctcaataact	240
tagtcctgnt	tgacaaagct	acctatgata	aactctgtaa	ggaagttccc	aactataaac	300
ttataacccc	agctgtggnc	tcttgagaga	ctgaagattc	naggctncct	ggccagggca	360
gccctttagg	agcttcttag	taaaggactt	atnaactggt	tttnaancac	agacctcaag	420
taattnacac	cagaaatncc	nnggtggaga	atnctccnct	gctggtnnag	angcatgaat	480
aggnncaacc	agctntctct	gnccnnaccn	cncttaggnc	naattccgca	ccctgcggcc	540
gttctnatgg	atccnaactn	ggtnccaant	nggcnnacta	tggcatancn	tgccctgggg	600
aantggttcc	nttccaatcc	anaanttcta	tcgnaactta	acgg		644

<210> 329

<211> 651

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 329

actattagcc	atggtcaacc	ccaccgtggt	cttcgacatt	gccgtcgacg	gcgagccctt	60
gggccgcgtc	tcctttgagc	tgtttgcaga	caagggtcca	aagacagcag	aaaattttcg	120
tgctctgagc	actggagaga	aaggatttgg	ttataagggt	tcctgctttc	acagaattat	180
tccagggttt	atgtgtcagg	gtggtgactt	cacacgccat	aatggcactg	gtggcaagtc	240
catctatggg	gagaaatttg	aagatgagaa	cttcaccta	aagcatacgg	gtcctggcat	300
cttggtccatg	gcaaagtctg	gacccaacac	aaatggttcc	cagtttttca	tctgcactgc	360
caagactgag	tggttggatg	gcaagcatgt	ggtgtttggc	aaagtgaaaa	gaaagggcat	420
gaatattgtg	gaggccatgg	aaccgctttg	ggtccaggaa	tgncnagaac	agcaagaaga	480
acaccattgc	tgactgngga	caactcgaat	aagttggact	tggggttant	ttaaccacca	540
gaacaattcc	tttgtncnta	aggagancan	ccctcaccca	tttgntngca	tatcctanaa	600

actttgggct ttcenttngtt cctttgggtc aggtttcctg gtccctccanc c

651

<210> 330
<211> 643
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 330

actttntttt	ttttntnttt	tttttttttt	ctggaaggnt	ctcaggtctt	tatttgctnt	60
ctcaaattcc	aggaatngac	ttatttaatt	aatccatcaa	cctctcatag	caaatatattg	120
agaaaacaaa	tttatattca	gattcttatt	ttcagtaggg	aagtaagaag	ttgcagctca	180
ttgcacgtaa	agttgagaca	ganatggaga	catccagccc	cacctntctg	gaacaagaaa	240
gatgactggg	gaggaaaacac	aggtcancat	gggaacaggg	gttacagtgg	acacaagggn	300
gggctgnctn	ttcacctnct	tacattatgc	taacaggggac	ncaaaccctt	tcaggggcct	360
ttgcnaaaag	aaatgccaaa	agctnttgaa	gtcncnaagg	ggangcgtga	anaaaactgc	420
attnnagtcc	ccgggtcctt	ngncgggaac	ccctnanggn	gaaatcncca	cactggcggg	480
ccgtactagn	ggatccagct	ngncccaat	tggnggaata	tggnaaanac	tgttcctgtg	540
ggaaaatggn	atccgtccaa	ttcnccactt	acannccggag	cctaaangna	aaacntgggg	600
ngcctatggg	gggctacnnn	aataatgggt	gcctacggcc	cnt		643

<210> 331
<211> 652
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(652)
<223> n = A,T,C or G

<400> 331

ggtacagatg	gcactgacaa	tcccctttct	ggtggggatc	agtatcagaa	catcacagtg	60
cacagacatc	tgatgctacc	agattttgat	ttgctggagg	acactgaaag	caaaatccaa	120
ccaggttctc	aacaggctga	cttcctggat	gcactaatcg	tgagcatgga	tgtgattcaa	180
catgaaacaa	taggaaagaa	gtttgagaag	aggcatattg	aaatattcac	tgacctcagc	240
agcccgattc	agcaaaaagtc	agctggatat	tataattcat	agcttgaaga	aatgtgacat	300
ctccctgcaa	ttcttcttgc	ctttctcact	tggcaaggaa	gaaggaagtg	gggacagang	360
agatggccct	ttcgcttang	tggccatggg	ccttnctttt	cactaaaagg	aattaccgaa	420
cagcanaaaag	aaagncttga	gatagtgaag	atggggatga	tatctttaga	agggngaaga	480
tgggggtggat	gaaattattc	attcctgnga	agnttgnaaa	ctgngcgnet	tcnnnaaant	540
nnnaggcatt	ccntnnctgg	ccntgccatt	gccattggnt	ccanttgcta	tagggatgcc	600
ccttaaancn	ntttccnnna	anagtnnaaa	acttgcnnntn	ggatccaacc	nn	652

<210> 332
<211> 648
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 332

cgaggtactt	tttttttttt	tttttttttt	tttttttgag	acagagtttc	actcttgctg	60
cccaggctgg	agtgcagtgg	cgcgatctcg	gtccactgca	acctcaccct	cccaggatca	120
agcgattctc	ctgcctcagc	cacctgagta	gctgggatta	caggcgcttg	ccactacacc	180
tagccaattt	ttgtattttt	agaaggga	gcatttcacc	atgttgcca	ggctgggtctc	240
gaactcctga	tctcaggnga	tccaccacc	tcagcctccc	aaagtggngg	gattacaggc	300
gtgagccact	gaaagtcttc	attagttttt	tgggttaaatt	ttaaacataa	attatgttat	360
agcaaaaatt	cctaagaatt	gnaaaccact	ttatcagaaa	tatcnnaaat	tcacaaataa	420
tnccaaaatt	tataatagct	tttttccaga	ctaaaatttt	aaagctactg	anaagnggna	480
aacctnccta	nataggattt	acctaacatt	nnggantaaa	aggnanccan	ngcctgctaa	540
anatccagan	tatctaanaa	tccntnctg	nntctcnntc	tatnttttca	natccgaatt	600
tttgaacca	cnttangata	nctnntttcc	ccettaacnn	taattccc		648

<210> 333
 <211> 656
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 333

cgaggtacaa	gatgtccaaa	tattgcgaag	atctatttgg	ggatctcctg	ttgaaacaag	60
cacttgaatc	acatccactt	gaaccaggca	gggctttgcc	atcccccaat	gacctcaaaa	120
gaaaaatact	cataaaaaac	aagcggtga	aacctgaagt	tgaaaaaaac	agctggaagc	180
tttgagaagc	atgatggaag	ctggagaatc	tgcctcccca	gcaaacatct	tagaggacga	240
taatgaagag	gagatcgaaa	gtgctgacca	agaggaggaa	gctcaccctg	aattcaaatt	300
tggaaatgaa	ctttctgctg	atgacttggg	tcacaaggaa	gctgttgcaa	atagcgtcaa	360
gaaggcttca	gatgacctg	aacatgaaaa	caacaaaaag	ggcctgggtca	ctgtagaaga	420
tgagcangcg	tggatggcat	cttataaata	tgtagggtgt	ccactaatat	ccatncatat	480
ttgtcaccat	gatcaactac	cccagnctgt	naagggtcaa	ggtttcatgt	ggcanaagaa	540
cccatatttc	ttttacatgg	cttctttaat	gaatcatcgg	cttggtactg	aaaccctgcc	600
attgaattgc	attntacaac	ggcaatgagc	natttcccca	gggagggcng	cnttct	656

<210> 334
 <211> 647
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 334

acgcgggcgg	gaagtgcaga	ggcaaagca	tttagtgctt	ttcagcatgt	cctcggtgct	60
------------	------------	-----------	------------	------------	------------	----

gggccacatg	tcaagagggg	cagcaacacc	gccagccatc	tgcactaggc	tgttgccaag	120
gcaactcagc	agccatttga	tgtttctgca	tttaatgcca	gttactcaga	ttctggactc	180
tttgggattt	atactatctc	ccaggccaca	gctgctggag	atgttatcaa	ggctgcctat	240
aatcaagtaa	aaacaatagc	tcaaggaaac	ctttccaaca	cagatgtcaa	gctgccaaga	300
acaagctgaa	agctggatac	ctaattgtcaa	tggagtcttc	tgagtgnntc	ctggaagaaa	360
gtcgggtccc	aagctctaag	tgctggntct	tacatgccac	cattcacaag	tctttaacag	420
aatgattcan	tggctaattgc	tgatatcata	aatgcnnaaa	naaagtttgg	ttctggcnag	480
aagtcaatgg	cancaagtgg	naaatttggg	acatacnent	ttgtgataag	tgggaatactg	540
gngcncnctt	acngganana	cttaacgttn	tttaanccaa	acacaaccct	tgaaagnnna	600
agctctaaan	accattggct	tttttcnngg	ngnaaaaaag	gcttaag		647

<210> 335
 <211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

<400> 335						
acaggtcaga	gtcttctttt	cttttctttt	tgagatggag	tcttgcctctg	ttgccagact	60
ggagtgcagt	ggtgcgatct	gggtcactg	caatctccac	ctcccgggtt	caagegatctc	120
tcctgcctca	gcctcccagag	taactgggac	tacagggtgcg	cgccaccaag	cccagctcat	180
ttttgtattt	ttagtagaga	tgggggttca	cgatgttggc	taggatggtc	tcgatctctg	240
gtcagagtct	tttctgtaaa	tatccttggg	aaagaagcaa	ttttagactg	tagctgtttgc	300
aaatgcttta	aggaagaagc	aaaacaactg	tcaagtcttc	ctgaaatgaa	gaaactacac	360
cagggctgct	atatcagagc	aaccccaacc	agcacttcaa	tcgatgatgcc	nacagtggcc	420
cagctgagag	accnggagaa	agttccagat	gcanagactg	ngatgctctt	gactatggaa	480
atattgctgg	cagtaccaag	ttagagacca	aacaggcata	ngnncccgta	tttaattggcg	540
tgaattttgc	gataaganaa	cttggggggg	tgctgctggat	nccatgaten	ccagaaaact	600
tnnnggatgg	ggtanaggcc	catggcgaaa	aggttanggt	ccttccaaag	naaaaana	657

<210> 336
 <211> 649
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 336						
ggtacgcggg	caactatgga	attccacagc	gtgctctgcg	gggtcactcc	cactttgttta	60
gtgatgtggt	tatctcctca	gatggccagt	ttgccctctc	aggctcctgg	gatggaaccc	120
tgcgcctctg	ggatctcaca	acgggcacca	ccacgaggcg	atttgtgggc	cataccaagg	180
atgtgctgag	tgtggccttc	tcctctgaca	accggcagat	tgtctctgga	tctcgagata	240
aaaccatcaa	gctatggaat	accctgggtg	tgtgcaaata	cactgtcagg	atgaaaacca	300
cttaaaantgg	gtgncttgng	ncccttntng	cccaacagca	acaaccctat	tatcgtcttc	360
tgnggctggg	acaaactggn	taaaggatgg	aacctggcta	actgnaagct	gaaaaacaac	420
cacattgggc	acacangcta	tntgaacacc	gngactggct	ttttcagang	gatcctntgn	480

gcttntggag	gcaaggatgg	gcaagccatg	ttatnggaac	tcnaccaang	caacaccttt	540
cacctttaan	ggggggacat	tatnaacgcc	ttgggttaac	cttaacgtn	ttggtttngn	600
ctgcncaggc	ccacattaaa	aatgggattt	aanggaaana	catttnann		649

<210> 337
 <211> 652
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(652)
 <223> n = A,T,C or G

<400> 337

actcttggtt	tgtcaatggg	actttccagc	aatccaccca	agagctcttt	atcccccaaca	60
tcactgtgaa	taatagtgga	tcctatacgt	gccaaagcca	taactcagac	actggcctca	120
ataggaccac	agtcacgacg	atcacagtct	atgcagagcc	acccaaaccc	ttcatcacca	180
gcaacaactc	caaccccgtg	gaggatgagg	atgctgtagc	cttaacctgt	gaacctgaga	240
ttcagaacac	aacctacctg	tgggtgggtaa	ataatcaaga	gccttccggg	cagtcccagg	300
ctgcagctgt	caatgacaca	ggaccctnac	tctactcagt	gtcacaagga	atgatgnaag	360
gaccctatga	atgtggaatc	cagaacgaat	taaagcggtg	accacagcga	ccangcatcc	420
tgaatgcctt	tttggggccan	acgacccac	cattttcccc	tcataccact	attaccgtcc	480
aggggtgnac	cttagncttt	tcttgccatg	cagcctttac	ccaccttgac	agnattcctg	540
gctggatggt	gggaacatna	gnacncacnc	aagagctntt	ttttccaaca	tnatgggaaa	600
acannnnct	tatactgcag	gccattactt	ngccntngcc	cagnnggetn	cg	652

<210> 338
 <211> 651
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 338

ggtacatttg	aacacacggc	tgtgttaaag	atgctgctaa	tgtcagtcac	tgggtgcact	60
aaaggatctc	ttattttatg	taaaacggtg	ggattgacaa	gatagatctg	acactctggt	120
aagttaccct	ctgaagctac	ttcttgtgaa	ataactaatg	cagcatcatc	ctgccaagcg	180
aaagaggcag	gcataagcaa	ggacaaatta	aaagggggta	agagccttat	catgatgagg	240
agtcttgntt	tgacatcttg	ggaaaagctg	ccatagtgtg	aaagtcgtca	atttctcacc	300
atggtttgca	gtttgactgn	ctctagttag	ggtgaagtct	ctgagtggca	cacaccttaa	360
gcctgaaggn	tttcccttta	aattttcatt	gagttggccc	tcttcagcat	atanggcttt	420
aagaacagaa	canaccttgg	ttttaagtgg	gtccatggga	taaaatggga	atggangact	480
ngaagaattc	aagggtctgg	ccatctngca	gtattctgaa	tatcgaaaat	ncnccaaggc	540
tgctatataa	anccccctgg	gcaanacttc	aatcggaanc	ccacggnggc	ccnactnana	600
gncaggaccn	ttccaantgg	aacatnggan	tggggccttt	gaggcnnggn	n	651

<210> 339
 <211> 634
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 339

actttttttt	ttttttttt	ttttttctag	tttcagttat	ttattgattt	aatcattgta	60
atctccaata	gagattacaa	tagagatctc	caacatgatt	tcatgcattt	agaggagaaa	120
tatttcctgg	ttaagtggaa	aattgtgcgg	atgtggcttc	tggaanacct	tcattctaaa	180
gcagcgttat	agtgaacat	ttcatttana	aatctggacg	ttccttcttc	agcttgctgt	240
aatccacatt	cactgagtag	aacttgat	gatcattggg	accagtttg	ttccagggct	300
ctgggttatt	tctgccaac	aaacatctgg	attgaacaat	gccagacgca	agagatcagt	360
gttgctccag	tagctccagt	tccaataaat	acnaagaggg	ggatcaaagc	tcggatgctt	420
cttggcctga	cagatgatct	ggcggancat	gtttgcnnga	aagtctccga	ctggaaagga	480
ganaaccgcc	tacccaagc	cctaagctaa	aaattatntg	ccccgcgacc	ttggncngna	540
ccnctaagg	caattccacc	actggcgcc	gtctaangga	tccacttggg	ccaacttgng	600
naacatggca	nactggctct	ggggaangta	tccc			634

<210> 340

<211> 655

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 340

ggtactcttc	cactcaggta	tccgtgcggc	cactccagca	cacgcagtat	gagcgcttca	60
tcccctcggc	ctaccctac	tacgccagcg	ccttctccat	gatgctgggg	ctcttcatct	120
tcagcatcgt	cttcttgcac	atgaaggaga	aggagaagtc	cgactgaggg	gctagagccc	180
tctccgcaca	gcgtggagac	ggggcagggg	gggggggttat	taggattggg	ggttttgttt	240
tgtttgttt	aaagccgtgg	gaaaatggca	caactttacc	tctgtgggag	atgcaacact	300
gagagccaag	gggtgggagt	tgagataatt	tttatataaa	agaagttttt	ccactttgaa	360
ttgctaaaag	tggnatTTTT	cctatgtgca	gtcactcctc	tcatttctaa	aatagggacg	420
tggccaggca	ccgtggctca	tgctgtaat	ccacactttt	ggaggncnng	caagcggtta	480
cgaagtcagg	agatcgagac	tattctgggt	acacgnaaaa	cctgncttac	taaaagtacc	540
tgcccgcccg	gccgntcaaa	ggcgaatcca	cacactggcg	ggcgtaactan	tggatnccaa	600
cttggacca	cttggngnaa	tatggcatac	tggttctctg	nggaaatggg	accnn	655

<210> 341

<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(648)

<223> n = A,T,C or G

<400> 341

acgaacctac	agttttaact	gtggatattg	ttacgtagcc	taaggctcct	gttttgcaca	60
gccaaattta	aaactgttgg	aatggatttt	tctttaactg	ccgtaattta	actttctggg	120
ttgcttttgt	ttttggcgtg	gctgacttac	atcatgtgtt	ggggaagggc	ctgccagtt	180
gcactcaggt	gacatcctcc	agatagtgtg	gctgaggagg	cacctacact	cacctgcact	240
aacagagtgg	ccgtcctaac	ctcgggcctg	ctgcgcagac	gtccatcacg	ttagctgtcc	300
cacatcacaa	gactatgcca	ttggggtaag	ttgtgtttca	acggaaagtg	ctgtcttaaa	360
ctaaatgtgc	aatagaaggn	gatggtgcca	tcctaccgnc	ttttcctggg	tcctanctgn	420
gtgaatacct	gctacgtcaa	atgcntacca	ggttcattct	nccttttnact	aaaacacaca	480
ggtgcaacag	acttgaatgc	taagtatacc	taattggata	tgggatttaa	ttttctttct	540
tacaancatt	tgtattgcta	acaggccaaa	atttcagtta	cccttagggg	ggttaacaat	600
cnaattaaac	ctgggaggca	tacnttgnct	aaatattact	gnaaaaaa		648

<210> 342

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 342

ggtacttttt	tttttttttt	tttttttttt	gttttttttt	tttttttttt	tttttttttt	60
tggctntana	gggggtanag	gggggtgctat	agggtaaata	cgggccctat	ttcaaanatt	120
tttaggggaa	ttaattctag	gacnatgggc	atgaaactgn	ggtttgctcc	acanatttca	180
nagcattgac	cgtagtatac	ccccggtcgt	gtancgggtg	aagtggtttg	gtttaaacgt	240
ccgggaattg	catctgtttt	taagcctaata	gtggggacag	ctnatgagtg	caaaacgtct	300
tgngatgtaa	ttattatacc	aatgggggct	ttaatcgga	at		342

<210> 343

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(484)

<223> n = A,T,C or G

<400> 343

ggtacgatgc	ctagtgatga	gtttgctaata	acaatgccag	tcaggccacc	tacgggtgaaa	60
agaaagatga	atcctagggc	tcagagcact	gcagcagatc	atttcatatt	gcttccgtgg	120
agtgtggcga	gtcagctaaa	tactttgacg	ccgggtggga	tagcgatgat	tatggtagcg	180
gaggtgaaat	atgctcgtgt	gtctacgtct	attcctactg	taaatatatg	gtgtgctcac	240
acgataaacc	ctaggaagcc	aattgatatc	atagctcaga	ccatacctat	gtatccaaat	300
ggttcttttt	ttccggagta	gtaagttaca	atatgggaga	ttattccgaa	cctggtagga	360
taagaatata	aacttcaggg	tgaccgaaaa	atcagaatan	gtgttggtat	agaatggggg	420
cttcttcttc	ngcggggctn	aanaaggtgg	tggtnccgcg	tcctggccng	gcnggcgctc	480
gaan						484

<210> 344

<211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

<400> 344

cgaggtacgc	gggattgttc	tggggcttgt	cctcctttct	gttacgggtcc	agggcaaggt	60
ctttgaaagg	tgtgagttgg	ccagaactct	gaaaagattg	ggaatggatg	gctacagggg	120
aatcagccta	gcaaactgga	tgtgtttggc	caaatgggag	agtgggttaca	acacacgagc	180
tacaaactac	aatgctggag	acagaagcac	tgattatggg	atatttcaga	tcaatagccg	240
ctactgggtg	aatgatggca	aaaccccagg	agcagttaat	gcctgtcatt	tatcctgcag	300
tgctttgctg	caagataaca	tcgctgatgc	tgtagcttgt	gcaaaaangg	ttgtcccgtg	360
atccacaagg	cattaagagc	atgggtggca	tggagaaatc	gttgtcaaaa	cagagatgtc	420
cgcagtatgt	tcaanggtgt	ggagtgtaac	tncagaatct	tcctcttcca	ctcatttggc	480
tctctacatt	aaggagtagg	aaataantga	aagggtccct	ccattaattt	cccttcaaca	540
aataattttt	tccgaaacng	gaccaaatat	ggccttcttn	tagannataa	tgtcntaagg	600
ggnattttatt	ttaagcnnca	canttttaat	ttgcaaatna	ctatctgggg	aaaatac	657

<210> 345
 <211> 662
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(662)
 <223> n = A,T,C or G

<400> 345

ggtacgcggg	cgactcttag	cggtggatca	ctcggctcgt	gcgtcgatga	agaacgcagc	60
tagctgcgag	aattaatgtg	aattgcagga	cacattgatc	atcgacactt	cgaacgcact	120
tgcnccccg	agttcctccc	ggggctacgc	ctgtctgagc	gtctcttgca	aaaaaaaaat	180
aaannanaan	acancaagta	caatttaatg	cntanaaagg	cctctctcca	taaaactcan	240
cncctttacag	atgtangaat	atataagcnn	tgccaaaatt	actaatntgc	cacatacnna	300
gcacaaattc	caggtgctag	tnagnnggaa	aaaaanttgg	agaattcggc	cctcgangag	360
ctccanantt	taanctncct	tactaantnc	canggttctt	tcaagcatgg	aaaaattaat	420
ngtgcctncat	ngatnaangn	cttgtcattg	ggccttnttt	cctngacctg	gcccggccgn	480
ccgttcnaaa	ggctaaatcc	agacactgcg	gccgttntaa	tggttcnnac	ttgggccaaag	540
cttgggnaat	catgggcaaa	gctgttcctg	ggnnaaatnt	tatccnctcc	aattcncaca	600
natacgaanc	tgaancttaa	gtgtnanntn	ggngngctaaa	agtggcnaaa	ctcccttnat	660
gg						662

<210> 346
 <211> 654
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(654)
 <223> n = A,T,C or G

<400> 346

acttcttggc	cgcctcacta	gcactctccg	cctgcttttt	aaaggcttca	ttggaggcca	60
gcagcgtggc	ctgctgcgaa	atgagagtca	ccaggcgtct	aagcaggaag	gacagcagcg	120
aggaaaagcc	agcaatgtag	agattcctct	gggcacggaa	aagcttcatg	tggaagtgt	180
ccatggcccc	gggattgttc	tggagggttca	ccttttccgt	cacatcatca	tacttccgaa	240
tttcgcgcac	ggcatcgatg	accaacagca	caaggatgac	aatgagaacc	acaaagaagg	300
tgttgccata	ggacactaac	aactccacca	gccgggactt	gaaaatcttc	tgccatcttt	360
taggagaaat	gaagggaatg	cagagaagca	acacaacaaa	gaccttcgca	tagaggaagg	420
tggcaactgc	agtccactgc	agactcatcc	tgggtgctana	agggttccac	aggaagatgt	480
gaacttgtn	cgagtttcca	cagtcaacgt	gtcccccgta	ccttnggccg	ngaacacnct	540
taaggcgaat	tccaccactg	cnggccgtct	antggatcca	actnggncca	acttggcgaa	600
tatggcaaat	tggtctnggg	naaatgggtc	ngtcaattcc	ccantacnac	cgga	654

<210> 347

<211> 536

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(536)

<223> n = A,T,C or G

<400> 347

ggtactaatt	taaggtaaca	attctcgagg	taaaataagg	cattatagta	acacaatttt	60
catgcctcag	caattaacaa	tgattttcgt	ttaatttctt	tccaactcta	cagacataat	120
tctgctttca	ccttcatcac	gctttcatat	ggttttaaca	ggggatacac	ctcctcttct	180
aagaatctct	gcacctgctg	ggaggcacga	ccagtgaag	aagaaggatc	cagtaaata	240
tccaactggg	agtgaatggg	actgaagtag	gcataaacct	ggatacgtc	tatgaggnc	300
ttgcaccccc	ttcctgctta	accacagaag	ctgcctgctg	agaaagca	ctgattttct	360
catggcaatc	ctggcggtta	ccttcaactt	gaccatggcc	atgatgatgg	tctctgtggc	420
catgaaangc	agctcttgcc	gaatgcgccg	tcaattactt	tggggtaact	gcccnggccg	480
gccgntcnaa	nggcgaattt	cagccactgg	cngncgtact	agnngatcca	actcgg	536

<210> 348

<211> 665

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 348

ggtaacgcggg	gagtcggcgt	aggccttagg	tgggttcgtg	cgccttctac	ctcgctgttt	60
cggtttttct	ggctcctcgg	cccttttctc	ccctgttgca	gctgggagcg	gacgaagcgc	120
gaagctggga	ttttttactg	tctcctgaag	aatttaacac	aaacatggat	atcagaccaa	180
atcatacaat	ttatatcaac	aatatgaatg	acaaaattaa	aaaggaagaa	ttgaagagat	240
ccctatatgc	cctgttttct	cagtttggtc	atgtggtgga	cattgtggct	ttaaagacca	300

tgaagatgag	ggggcaggcc	tttgtcatat	ttaaggaact	gggctcatcc	acaaatgcct	360
tgagacagct	accaggattt	ccatttttatg	gtaaaccaat	gccaatacag	tatgcaaaaa	420
cagattcgga	tataatatca	aaaatgcgtg	gaacttttgc	ttaaaaaaa	aaannnnnna	480
naaaaaagtc	ctgccnggcc	gcccgttcaa	anggcgaatt	naccactggc	ggccgttcta	540
gnggatccaa	ctnggnacca	acttggcgta	atatggcaaa	actggtnccg	ngngaaatgg	600
tatccgttan	aattcccaca	cttcaaccgg	aacctnaang	taaacctggg	gcctaagagn	660
gacnn						665

<210> 349
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 349

acttcgtcag	tttgtaagac	atgagtcoga	aacaactacc	agtttggttc	ttgaaagatc	60
cctgaatcgt	gtgcacttac	ttggggcgagt	gggtcaggac	cctgtcttga	gacagggtga	120
aggaaaaaat	ccagtcacaa	tattttctct	agcaactaat	gagatgtggc	gatcagggga	180
tagtgaagtt	taccaactgg	gtgatgtcag	tcaaaagaca	acatggcaca	gaatatcagt	240
attccggcca	ggcctnagag	acgtggcata	tcaatatgtg	aaaaaggggt	ctcgaattta	300
tttggaaggg	aaaatagact	atgggtgaata	catggataaa	aataatgtga	ggcgacaagc	360
ncaaccatca	tagcttgatn	atattatatt	tctgagtgcc	agaccaaaga	gaaggagtnt	420
aaanggatga	tentcttttg	ggcatcattt	tgggaccttn	ggccgggaac	accc	474

<210> 350
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 350

acgcggggac	cgtggagagc	agagcgcggc	ggctggaagc	tgctaagtca	gagccgcgat	60
gttccggatt	gagggcctcg	cgccgaagct	ggacccggag	gagatgaaac	ggaagatgcg	120
cgaggatgtg	atctcctcca	tacggaaactt	tctcatctac	gtggccctcc	tgcgagtcac	180
tccatttate	ttaaagaaat	tggaacagcat	atgaagacag	gacatcacat	atgaatgcac	240
gatatgaaga	gcctggttac	agtttgcgact	cctctctgca	agtgaatagg	cccagaaagg	300
tgtaagagac	tctttgaatg	gacataaaat	tctgcttggt	aagaacaagt	ttggctctgg	360
taactgacct	tcaaagctaa	aatataaaac	tatttgggaa	agtatgaaac	gatgtcttcg	420
tgatctgggtg	taccttggnc	gngaccacgc	tt			452

<210> 351
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 351

ggtacgcggg	aataattcca	tagtcaagag	catcacagtc	tctgcatctg	gaacttctcc	60
tggtctctca	gctggggcca	ctgtcggcat	catgattgga	gtgctgggtg	gggttgctct	120
gatatagcag	ccctggtgta	gtttcttcat	ttcaggaaga	ctgacagttg	ttttgcttct	180
tccttaaagc	atttgcaaca	gctacagtct	aaaattgctt	ctttaccaag	gatatttaca	240
gaaaagactc	tgaccagaga	tcgagaccat	cctagccaac	atcgtgaaac	cccatctcta	300
ctaaaaatac	aaaaatgagc	tgggcttggt	ggcgcgccacc	tgtagtccca	gttactnggg	360
aggctgaggc	aggagaatng	cttgaacccg	gnagggtggag	attgcagtga	gccagatcgn	420
acnactgnac	tcagtctggc	aantgagnag	gcttccatct	nanaangaan	aganangang	480
actntnacct	ggacctgccn	ggccggtcgt	ttgngcaggt	cnggagattt	attcccttng	540
ggtggggngc	nntaattggn	tgntgggccn	attcangttt	tgggaatttc	nncttggnnn	600
naaaanggga	aatttt					616

<210> 352
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 352

ggtacggcac	ttggcgtaaa	gccgcttccc	tcaagagtaa	ctacaatctt	cccatgcaca	60
agatgattaa	tacagatctt	agcagaatct	tgaaaagccc	agagatccaa	agagcccttc	120
gagcaccacg	caagaagatc	catcgagag	tcctaaagaa	gaaccactg	aaaaacttga	180
gaatcatggt	gaagctaaac	ccatatgcaa	agaccatgcg	ccggaacacc	attcttcgcc	240
aggccaggaa	tcacaagctc	cgggttgata	aggcagctgc	tgcagcagcg	gcactacaag	300
ccaaatcaga	tgagaaggcg	gcggttgcat	gcaagaagcc	tgtggtaggt	aagaaaggaa	360
agaaggctgc	tggttggtgtt	aagaagcaga	agaagcctct	ggtgggaaaa	aaggcagcag	420
ctaccaagaa	aaccagcccc	tgaaaagaac	ctgcagagaa	gaaacctact	acngaggaga	480
agaagcctgc	tgcataactc	ttaaatttga	atatttcntt	aagggcnaat	nttttggcag	540
gttctttgga	taagacntnt	tttcngngtg	ggaaaataan	tnnnntattn	nnggctntcc	600
tgg						603

<210> 353
 <211> 604
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 353

ggtaccgact	gtttttgaca	actatgcagt	cacagttatg	attggtggag	aaccatatac	60
------------	------------	------------	------------	------------	------------	----

tcttggactt	tttgatactg	cagggcaaga	ggattatgac	agattacgac	cgctgagtta	120
tccacaaaca	gatgtatttc	tagtctgttt	ttcagtgggc	tctccatctt	catttgaaaa	180
cgtgaaagaa	aagtgggtgc	ctgagataac	tcaccactgt	ccaaagactc	ctttcttgct	240
tggtgggact	caaattgatc	tcagagatga	ccctctact	attgagaaac	ttgccaagaa	300
caaacagaag	cctatcactc	cagagactgc	tgaaaagctg	gcccgtagcc	tgaaggctgt	360
caagtatgtg	gagtgttctg	cacttacaca	gaaaggccta	aagaatgtat	ttgacgaagc	420
aatattggct	gccctggacc	tncagaccga	agaagacccc	aagtgtgtgc	tgctatgaac	480
atctttcaga	gcctttcttg	nacagctgga	ttggcatctt	cttaaagcca	tgnttaaatt	540
caacttanga	ttaaaattaa	aattcggttt	gcannatggc	caatgcctgg	actaaccan	600
ggcn						604

<210> 354
 <211> 631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 354

ggtacttttt	tttttttttt	tttttttttt	tttgggacgg	agtcatgctc	tgctgcccag	60
gctggagtgc	agtggcatga	tctcggtca	ctgcaagctc	cgctcccgg	gctcatgcca	120
ttctctgccc	tcagcctccc	gagtagctga	gattataggc	acctaccacc	acgcccggct	180
aatttttgta	tttttagtag	agacgggggt	tcaccatggt	gaccaggctg	gtctcgaact	240
cctgacctta	ggtgatccac	tcgccttcat	ctcccaaagt	gctgggatta	caggcgtgag	300
ccaccgtgcc	tggccacgcc	caactaattt	ttgnattttt	agtaagagac	agggtttcac	360
catgttgccc	aaggctgctc	tttgaactcc	tgacctcatg	taatcgacct	gcctttggcc	420
ttccaaaagt	gctgggatta	ccaggtgtga	gcccaacaagc	cccgnnacct	ggccnggcng	480
gccgttttaa	agggcgaatt	cagcacaatg	gnnggccgta	ctaaggggat	ncnanccttg	540
nanccaactt	tgggggaaat	atggggcana	actggttctt	ngngnaaatg	gtaaccgtta	600
caaattcccn	caaanttttg	nnccggggagg	n			631

<210> 355
 <211> 626
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

<400> 355

ggtacgatgc	ctagtgatga	gtttgctaata	acaatgccag	tcaggccacc	tacggtgaaa	60
agaaagatga	atcctagggc	tcagagcact	gcagcagatc	atttcatatt	gcttccgtgg	120
agtgtggcga	gtcagctaaa	tactttgacg	ccggtgggga	tagcgatgat	tatggtagcg	180
gaggtgaaat	atgctcgtgt	gtctacgtct	attcctactg	taaatatatg	gtgtgctcac	240
acgataaacc	ctaggaagcc	aattgatatc	atagctcaga	ccataacctat	gtatccaaat	300
ggttcttttt	ttccggagta	gtaagttaca	atatgggaga	ttattccgaa	gcctggtagg	360
ataagaatat	aaacttcagg	gtgaccngaa	aaatcagaat	aggtgttttg	tttagaatgg	420
ngtcttctnc	ttcngetggg	gtinnaagaan	gtnggggttc	nngcgtnctn	gntcgggcgg	480

ntgggtttta	nggccnaaat	tcnngnataa	ttggcggcng	ttactaagng	gnatctanct	540
tggtnccaaa	nttgngnta	atcatggtn	tagctngtnc	tengtntaa	attggntncc	600
tggtaaatn	tntnnaatn	tntggc				626

<210> 356
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 356						
actttttttt	tttttttttt	ttttttttct	gtttcagtta	tttattgatt	taatcattgt	60
aatctccaat	agagattaca	atagagatct	ccaacatgat	ttcatgcatt	tagaggagaa	120
atatttcttg	gttaagtgg	aaattgtgcg	gatgtggctt	ctggaanacc	ttcattctaa	180
agcagcgta	tagtgaaaca	tttcatttan	aaatctggac	gttccttctt	cagcttgctg	240
taatccacat	tcactgagta	naacttgtat	tgatcattgg	gacccagttt	gttccagggc	300
tctgggttat	ttctgtccca	acaaacatct	ggattgaaca	atgccagacg	caagagatac	360
agtgttgctc	cagtagctcc	agttccaata	aatacnaaga	gggggatcaa	gctcggatgc	420
ttcttggcct	gaccgatgat	ctggccggaa	ncatgtttgc	cggcaaaagg	ctccnacttg	480
ggaaagggga	naaccgcct	aaccnccagg	gcctaagctt	aaaatttttg	gccccgggta	540
ccttgcccg	gacccctaa	ggngnaatt	ccnncccctt	ggggggccgt	ttaangggan	600
ccaacttgn	ccaaatt					617

<210> 357
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 357						
ggtacttttt	tttttttttt	tttttttttt	ttttaggcaa	agaactttat	taatctttgt	60
ttcaaacttg	attcccaggc	ttcttcggct	taattagctg	caaagaatga	attgngtata	120
agcaaaaact	gaaaagagct	gcagtgtcca	aggggcttgg	gcttaaaaat	attagagatc	180
tagattttat	cagatccata	aacaaaaatt	tcttaaaaag	cagtcataat	ataaaaatagc	240
agctcccagt	aacttcttca	ggntttatct	tcagaagtgt	actcaattca	gtttgcctca	300
ttcttggga	cctcatcaaa	attctccaca	agatctggaa	cttcatcatc	atcatcctct	360
ccagtaacaa	gtggngcttt	tccatcccca	gantgggttg	gcanaacttt	ngnccagctc	420
cttaacttag	cagactattc	ggacccaagc	tnggttnaaa	aanctgggaa	cnatttntgn	480
naactggttt	ggttnaacan	ggcntgnaag	ggggaaagg	gtnccttgcc	caaaaaaccn	540
ggacctttag	ggtgnnaaag	gggacctggc	cctgggttgg	aaccaantcn	ccttttnana	600
ccnnanaatn	g					611

<210> 358
 <211> 619
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 358

ggtacttttt	tttttttttt	tttttttttt	ttgagatgga	gtctcgctct	gtcgcccagg	60
ctggagtgca	gtggcgcaat	ctctgtcac	tgcaacctcc	gcctcctggg	ttcaagcaat	120
tctcctgtct	cagcctccca	aatagctggg	attacgggca	tgtgtcacga	cgctcggcta	180
atTTTTgtat	tttttagtcga	gacgaggttc	caccatgttg	gctaggctgg	tctcaaactc	240
ctgacctcag	gtgatccgcc	tgccctcgcc	tcccaaagtg	ttaggattac	gggtgtgagc	300
cactgcgccc	agcaagcaac	ctagatttta	aaacaacatg	agataaataa	gcctaattgg	360
atttaactac	atctaacatt	tttactaata	gttgnaatac	tggtagaatt	tggaaactat	420
tatatatatt	atgcngaaaa	gtaaataatt	ctggtaaaat	canttanggn	ccntgaattt	480
nagcataggg	gaaaaaaaaga	tgccntttta	aatccaataa	gtaaaaaccn	tttaaccctn	540
tnTTTaaatt	ggaanttccc	ccaatttnt	tattaatttc	aacttntttt	gaaaactcat	600
ntttccnaaa	antnggggg					619

<210> 359

<211> 624

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 359

ggactttttt	tttttttttt	tttttttttt	tttttttgag	gaaaaccggg	taatgatgtc	60
gggggttgagg	gataggagga	gaatggggga	taggtgtatg	aacatgaggg	tgctttctcg	120
tgtgaatgag	ggttttatgt	tgtaaatgtg	gtgggtgagt	gagccccatt	gtgttggtgt	180
aaatatgtag	agggagtata	gggctgtgac	tagtatgttg	agtcctgtaa	gtagganagt	240
gatatttgat	caggagaacg	tggttactag	cacagagagt	tctcccagta	ggttaatagt	300
gggggggtaag	gcgaggttag	cgaggcttgt	tanaagtcac	caaaaagcta	ttagtgggag	360
tagagtttga	agtccttgag	agaggattat	gatgccactg	ngaatgcntt	cctaatttga	420
gtttgctagg	cagaatagtn	atgaggatgt	aaacccttng	gccaattatt	aaaaatgact	480
gcncctgtga	aacttnaggg	ggtttggtat	aaaaangctt	gtacttccaa	nggctntntg	540
gcctnatTTa	aaaaatttcc	ctnnncnaat	ttagggcttn	ttnnncnaag	ccnanagggn	600
cccnancct	ttcccggggg	ggcn				624

<210> 360

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

```

<400> 360
acgcgggggag gcgagggtt ggggtgcgttc aagattcaac ttcacccgta acccaccgcc      60
atggccgagg aaggcattgc tgctggaggt gtaatggacg ttaatactgc tttacaagag      120
gttctgaaga ctgtcctcat ccacgatggc ctagcacgtg gaattcgcgga agctgccaaa      180
gccttagaca agcgccaagc ccattcttgt gtgcttgcat ccaactgtga tgagcctatg      240
tatgtcaagt tgggtggaggc cctttgtgct gaacaccaaa tcaacctaat taaggttgat      300
gacaacaaga aactaggaga atgggtaggc ctttgtaaaa ttgacagaga ggggaaaccc      360
cgtaaagtgg ttggttgtag ttgtgtagta attaangact atggcaagga gtctcagcca      420
aggatgtcat tgaagagtat ttcaaagcc agaaatgaag aaattaaatc nttggcttac      480
ttaaaaaaaaa annnnnnnnn aaaaaaaagg tccttgggcg gnacaccctt aaggggnaat      540
tcnnnnccct gggggccntt ataangggnn ccnacttggg ccaaattggg naaananggg      600
naaanttttt n                                           611

```

```

<210> 361
<211> 404
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

```

```

<400> 361
acatatatttta atagaaagat acaacctttt tattttcact ccttttattt ctgctgcttg      60
gcacattttt gagttttccc acattatttg tctccatgat accactcaag cagtgtgctg      120
gacctaaaat actgacttta gttagtatcc ttggattttt agattcccag tgtctaattc      180
cctgttataa tttgcgcaaa caaaacaaaa tgttatgata atctttctcc actgttctaa      240
tataatattgt atttttattt gatagcttgg gatttaaaac atctctgttg aaggcttttg      300
atccttttga gaaataaaga tctgaaagaa atggcataat cttaaaactt gataaaaaaa      360
aaanannnnn nnnaaaaaaa aaagtacctn ggccgngacc acgc                                           404

```

```

<210> 362
<211> 322
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

```

```

<400> 362
ggtacttttt tttttttttt tttttttttt ttttttggag ttgtaggcaa atgtttaatt      60
aattctgctc atatgcacat ctgaaagcat gagacacact ccacagacag cacgcactgg      120
ggctggtggg gcanatgggc actcgccgat taggtattaa tgtcaataat acgtgcataa      180
agtgtctgata aaataactta agtgttacaa aaagagacag tccacggtgg ctgcaggcac      240
atgcaggcgg gactgggtca gacactccag ggctgcacat gttccagctg gcctgagtcg      300
gacacgtcat agctggcctt gt                                           322

```

```

<210> 363
<211> 616
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 363

cgaggtacgc	gggctaagca	agggaaaaat	aacagtttct	ctgagccaga	gaagacttga	60
tcacagttct	ccaagcatcg	tgatagcaat	gcttaacccc	aggaagattt	caaggcaggg	120
agaagaacat	ttcaaataag	attcttggtt	acccatttat	gcctagtgtt	ccattattgg	180
aatgctaagc	ttgtgggagt	catttacatc	ctactgctca	aagtcattgc	caaggtctga	240
tttttcacac	aaaaaattgc	aacccccagc	ataaatgttt	agctactgtc	atcagtttagc	300
aaattcatcc	acacaaacac	aattagagtt	tggttttttt	ttaagctttt	caaaacttac	360
taaactggca	caattttata	tgtatgctat	ttggtgnatt	tatgcttaag	agcnaaaaag	420
tttgatggga	ttttaaattc	angccaagcc	tacacgctga	gacaatccct	acaaccatgg	480
nagtaactaa	ngaaccttta	tctaagnntt	taagttttta	anggagngct	taatggttca	540
ngtctangtt	ggaatttcct	tcanaaaatt	cntcttttaa	aaaattttcc	caaaatnggt	600
ccttaaaaaa	ctcann					616

<210> 364

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 364

cgaggtacgc	ggggctttct	gcctaacgcc	gccaacatgg	tggtcaggcg	cttcgtggag	60
ggtggccggg	tggcctatgt	ctcctttgga	cctcatgccg	gaaaattggg	cgcgattgta	120
gatgttattg	atcagaacag	ggctttgggt	gatggacctt	acactcaagt	gaggagacag	180
gccatgcctt	tcaaattgcat	gcagctcact	gatttcaccc	tcaagtttcc	gcacagtgcc	240
caccagaagt	atgtccgaca	agcctggcag	aaggcagaca	tcaatacaaa	atgggcagcc	300
acacgatggg	ccaagaagat	tgaagccaga	gaaaggaaag	ccaagatgac	agattttgat	360
cgtttttaaag	ttatgaaggc	aaagaaaatg	aggaacagaa	taatcaagaa	tgaaagttaa	420
agaaaacttca	aaaggcagct	nttctgaaag	cttnttccca	aaaaagcacc	tgggtacctg	480
gccggggccgg	ccgttttaaaa	gggcnaattc	caccactggc	ggccgtctan	ngggatccaa	540
cttnggacca	acttggngga	atatggcnaa	attgttcctg	gggnaaatgt	ttncgttcaa	600
attncncaaa	ttacggcc					618

<210> 365

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(601)

<223> n = A,T,C or G


```

<400> 365
acgtcctgga ggactctatt gtggaccac agaatcagac catgactacc ttcacctgga      60
acatcaacca cgcccggtg atgggtggtg aggaacgatg tgtttactgt gtgaactctg      120
acaacagtgg ctggactgaa atccgcccgg aagcctgggt ctctcttagc ttatttggtg      180
tctccagagc tgtccaggaa tttggtcttg cccggttcaa aagcaacgtg accaagacta      240
tgaagggttt tgaatatatc ttggctaagc tgcaaggcga ggccccttcc aaaacacttg      300
ttgagacagc caaggaagcc aaggagaagg caaaggagac ggcactggca gctacagaga      360
agccaaggac ctgcgcagca aggcggccac caagaacagc agcagcagca acagtttgtg      420
taaccagnct accaacaaca nagnacccca nacaggtagg cttaccctt tggcctcctt      480
taatggacct tggccgggaa cacccttang gcgaattcag nactggggg ccgtactang      540
ggatccnctt ggaccaactt ggggaaacag ggcaaaattg ttcttgggga aattntatcc      600
n                                                                                   601

```

```

<210> 366
<211> 321
<212> DNA
<213> Homo sapiens

```

```

<400> 366
actttttttt tttttttttt tttttttgag atggagtctc actctgtcgc ccaggctgga      60
atgcagtggg gcaatctcag ctactgcaa ctccacctc ccaggttcaa gtgattctcc      120
tgctcagcc tcccacatat ctgggactac aggtgcacac caccatgcc agctaatttc      180
tttgtatttt ttagtagaga cggggtttca tcttattggg caggctgggc tcgaactcct      240
aaccttgtga tctgccacc tcggccttcc aaagtgtctg gattacaggc gtgagccacc      300
gtgctcggcc acccgcgtac c                                                                                   321

```

```

<210> 367
<211> 264
<212> DNA
<213> Homo sapiens

```

```

<400> 367
actgatcatg gagttaatca acaatgtcgc caaagcccat ggtggttact ctgtgtttgc      60
tggtgttggt gagaggaccc gtgaaggcaa tgatttatac catgaaatga ttgaatctgg      120
tgttatcaac ttaaaagatg ccacctctaa ggtagcgtg gtatatgggc aaatgaatga      180
accacctggt gctcgtgcc gggtagctct gactgggctg actgtggctg aatacttcag      240
agaccaagaa ggtcaagatg tacc                                                                                   264

```

```

<210> 368
<211> 488
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(488)
<223> n = A,T,C or G

```

```

<400> 368
ggtacagatg cacaggaggc catagggttt aggcanaagg gagcacaaan gttgaagatg      60
aggcgtgcc atcaatgctg ggacttcagg cnaagggcag gaactgagga agccacaagg      120
gaggacattt tctgcagttg ctgaancagt ancaactagg tcctgagaaa gccctntctc      180
gtggaagaat aacagccagg cnggaaagct tttcatcctg caaagctggg gaagaagatt      240

```

cttccttaaa	ttgtcatctg	cacttcagct	cangaatcct	gttggctgaa	gtccagagtg	300
tcnttttctg	attcctgaag	tanatnaaca	gcccnngccc	aangaagagn	aggnttagta	360
caaagccnnc	tncgcgtacc	tgtncgggcg	gnngttcgna	aggntcaa	tccagcacia	420
ttgnctgccg	ttantagttg	gattctnact	ttngtactta	ncttggcgta	ntttatggtn	480
ataanttg						488

<210> 369
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 369

acggggggttt	cactacttct	cccccgact	ccttggtagt	ctgttagtg	gagatccttg	60
ttgccgtccc	ttcgctctct	tcaccgcgc	agacccttc	aagttctagt	catgcgtgag	120
tgcattccca	tcacggttg	ccaggctggt	gtccagattg	gcaatgcctg	ctgggagctc	180
tactgcctgg	aacacggcat	ccagcccgat	ggccagatgc	caagtgacaa	gaccattggg	240
ggaggagatg	attccttcaa	caccttcttc	agtgaacgc	gtgctggcaa	gcatgtgcc	300
cgggcagtgt	ttgtagactt	ggaaccacaa	gtcattgatg	aagttcgac	tggcacttac	360
cggcagctct	tcaccctgag	caactcatca	caggcnagga	aaaatgctgc	aataactatc	420
ccgaaggcac	tacaccattg	gcaaggagaa	taattgacct	gtgttggaac	gaattcgcaa	480
gctggctgac	catgcaccgg	cttaagggtt	nttgggtttc	ccaacttttg	gggggggaac	540
tgggtttngg	gtaaccctnn	tggtnatngg	aacgnnttta	antggatttt	gggaanaaan	600
cc						602

<210> 370
 <211> 257
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 370

acttttttttt	tttttttttt	tttagttttt	ttttattttt	tacaaatata	ctggagaatc	60
atgcaatgct	gccagcattg	gatgcaatcc	ggggccacaa	gtctgcacac	tcctttgcta	120
ctggtcctgt	aatggcagaa	cctttcatct	cgcctttatt	gntcactatg	actcctgcat	180
tatcttcaaa	ataaagaaac	acgccatctt	ttctacggta	tgactttcgt	tgtcgaatga	240
ccactgctgg	atgtacc					257

<210> 371
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(607)
 <223> n = A,T,C or G

<400> 371

aactttttttt	tttttttttt	ttttttttgt	atttagtttt	tatttcataa	tcataaactt	60
aactctgcaa	tccagctagg	catgggaggg	aacaaggaaa	acatggaacc	caaagggaac	120
tgcagcgaga	gcacaaagat	tctaggatac	tgcgagcaaa	tgggtgggag	gggtgctctc	180
ctgagctaca	gaaggaatga	tctgggtggt	aagataaaac	acaagtcaaa	cttattcgag	240
ttgtccacag	tcagcaatgg	tgatcttctt	gctggtcttg	ccattcctgg	acccaaagcg	300
ctccatggcc	tccacaatat	tcatgccttc	tttcactttg	ccaaacacca	catgcttgcc	360
atccaaccac	tcagtcttgg	caagtgcaga	tgaaaaactg	ggaaccantt	gggttggtgt	420
ccacatttgc	catggacaag	aatgccagga	acccgtatgc	tttaaggatg	aagtctcatc	480
ttcaaaattc	ttccccataa	atggacttgc	caccagngcc	attatggcgt	gtgaagtccc	540
cancctggcc	cataaaccct	ggaaaaatnt	tggnaaacg	gaaccctttt	aaccaatcct	600
tttttttc						607

<210> 372

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 372

acgaatgtgg	gaattactca	ggagcagcag	aatatcttta	tttttttaga	gtgctgggttc	60
cagcaacaga	tagaaatgct	ttaagtccac	tctggggaaa	gctggcctct	gaaatcttaa	120
tgcagaattg	ggatgcagcc	atggaagacc	ttacacggtt	aaaagagacc	atagataata	180
attctgtgag	ttctccactt	cagtctcttc	agcagagaac	atgggtcatt	cactgggtctc	240
tgtttggttt	cttcaatcac	cccaaaggtc	gcgataatat	tattgacctc	ttcctttatc	300
agccacaata	tcttaatgca	attcagacaa	tgtgtccaca	cattcttcgc	tatttgacta	360
cagcagtcac	aacaaacaag	gatgttcgaa	aacgtcggca	ggttctaaaa	agatctaggt	420
taaagggttat	tcaacangga	gtcttacnca	tntaagacct	cattacngga	atttggtgaa	480
tggttatatg	taactttgac	tttaangggc	tcaaaaaaag	ctnaggggat	gtgaatcaag	540
cttgngaagg	cttttttttg	gggctngntt	nnggggttnt	tgnaaagncc	ngttttnttt	600
ttggaat						607

<210> 373

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 373

aacttttaatg	tttgctgttc	aaacgaaaat	agattggatc	ttggttaagt	tcacttggtt	60
tggccaggca	cagtggctca	cgctgcagc	cccagcactt	ggggaggtgg	aggcgggccc	120
atcacctgag	gtcaagagtt	tgagaccagc	ctggctaacy	cggtgaaacc	ccatttctac	180

taaaaataca	aaaaattagc	tgggcgtggt	ggtgcgcgct	tgtaatccca	gctactcggg	240
aggctgaggc	aggagaatcg	cttgagccag	agaggcaaag	gttgcaataa	gccaagatag	300
cgccattgta	ttccagcttg	gacaacaaga	gcgaaactct	gtctaaaaaa	aaaaaaaaaa	360
cacacacaca	acacaatatt	ttcacgcctg	taaacctagc	acattgggaa	gccaaggtgg	420
gaggattgct	tgaggccagg	agttcaaggc	ttgcantgag	ctatgaatgn	acactgnacc	480
tttgngcng	aacacnctta	nggccaaatt	ccngcacact	tgggggccgg	tactaanggg	540
atcccanctt	tggnnccaaa	nttgngnaa	acatgggcaa	aattggtnc	tggngaaaat	600
ggttccgttc	caaatccc					618

<210> 374
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 374

accagctgc	tgcccacatt	tctggtccag	agtcccgaac	cccgagcact	gggatgcctg	60
gctactccga	gcgttatcca	gactagcgag	tgggaggcag	atgtaaaatc	tggaacgcag	120
attttagttt	gttggaagga	gaaatgtaac	atagtgaacc	acgcatctct	ggaggggtga	180
aagcagagac	agccaagagc	caaggcactg	atgtttgaac	tggaaacttc	aaaacgttta	240
ataagagtct	tcaggatggg	tttgaactag	acaagctaga	aatttcttta	gaacaccagc	300
tctagcatgc	atctcccact	tttggttttc	ctggagagga	gcttgaagag	gtggttctgc	360
agacagccac	agtgatactc	aggaaacnca	gaggaatgga	tttgactttt	ctgctaggaa	420
tctttggtat	aagttctcct	tgagttgtaa	gangcatgga	aatatacatg	aaactgaana	480
acctgcaagg	aanggaaatg	ggaacntttc	atctgagtgn	aaactaacca	agtnnggcaat	540
ttngacttga	aacccttgaa	accttcnagt	ccaantcctg	gtttggggga	taaangaacc	600
ggnncn						605

<210> 375
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 375

acggatgcta	cttgtccaat	gatggtaaaa	gggtagctta	ctggttggtc	tccgattcag	60
gttagaatga	ggaggtctgc	ggctaggagt	caataaagtg	attggcttag	tgggcgaaat	120
attatgcttt	gttggttgga	tatatggagg	atggggatta	ttgctaggat	gaggatggat	180
agtaataggg	caaggacgcc	tcctagcttg	ttagggacgg	atcggagaat	tgtgtaggcg	240
aataggaaat	atcattcggg	cttgatgtgg	ggaggggtgt	ttaaggggtt	ggctagggta	300
taattgtctg	ggtcgcctag	gaggtctggt	gagaatagtg	ttaatgtcat	taaggagaga	360
atgaanagaa	gtaagccgag	ggcgtctttg	attgtgtagt	aaggggtggaa	ggtgatttta	420
tcggaatggg	aagtgattnc	taaggggntg	tttgancccc	gtttgtgcca	gaatangaag	480
tggaatgctt	cttanggctt	caataaatga	anggcanaat	gaattgaaag	gtaaanaaac	540
cntnaagggt	ggacttggtta	ctgataaccn	tcctaaaate	attgccccgn	aacttggccg	600

<210> 376
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 376

acgcgggcatc	gaagaattca	caaaaaacaa	tagcctcatc	atccccacca	tcatagccac	60
catcacccctc	cttaacctct	acttctacct	acgcctaatac	tactccacct	caatcacact	120
actccccata	tctaacaacg	taaaaataaa	atgacagttt	gaacatacaa	aaccaccccc	180
attcctcccc	acactcatcg	cccttaccac	gctactccta	cctatctccc	cttttatact	240
aataatctta	taaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	ncaaaaaaaaa	aaaaanaaaa	300
aaaaaaaaang	tncngccatt	tttngtttcn	ggtaaacngg	aatataangn	gaaagaacaa	360
acnttggaac	atacttaatg	gattttttata	gaactttgna	aaccaaagga	gattcatgtt	420
ttanaagtct	ggcctttttt	atatcttgga	agaaaattat	gtntggaggc	tntaaataaa	480
tccattatt	ttctcaggga	atctgggtag	gaattgccgg	catgggaant	tttnnggggc	540
cggatnggaa	agtttgccct	aanaaatngc	nctttntnaa	naattttgga	attttgggaa	600
gccnaagca	n					611

<210> 377
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 377

acgcggggcgc	tttggcatct	ctgccctcat	cgtgggtttc	gactttgatg	tcactcctag	60
gctctatcag	actgaccctt	cgggcacata	ccatgcctgg	aaggccaatg	ccataggccg	120
gggtgccaag	tcagtgcgtg	agttcctgga	gaagaactat	actgacgaag	ccattgaaac	180
agatgatctg	accattaagc	tggatgatcaa	ggcactcctg	gaagtgggtc	agtcagggtg	240
caaaaacatt	gaacttgctg	tcatgaggcg	agatcaatcc	ctcaagattt	taaatcctga	300
agaaattgag	aagtatgttg	caaaaaaaaa	aananaaatn	aaanaagtac	ctcggccgng	360
accacgc						367

<210> 378
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 378

ggtacctgga	tcctgctcct	ctgggttgaa	acccggggcgc	cgccaagatg	ccggcttacc	60
actcttctct	catggatcct	gataccaaac	tcatcggaaa	catggcactg	ttgcctatca	120
gaagtcaatt	caaaggacct	gccccagag	agacaaaaga	tacagatatt	gtggatgaag	180
ccatctatta	cttcaaggcc	aatgtcttct	tcaaaaacta	tgaaattaag	aatgaagctg	240
ataggacctt	gatatatata	actctctaca	tttctgaatg	tctgaagaaa	ctgcaaaaagt	300
gcaattccaa	aagccaaggt	gagaaagaaa	tgtatacgct	gggaatcact	aattttccat	360
tcctggagag	cctggttttc	cacttaacgc	aatttatgcc	aaacctgcaa	acaaacaggg	420
aagatgaagt	gatgagagcc	tatttacaac	agcttaaggg	caagaaactg	gactggaact	480
ttgtgaagaa	gttttcgacc	cttagaatgg	ttaaaccnac	agtgggggga	cttgcttttg	540
gaaaanaccg	tttattgacn	anagtttttt	tggactggan	atgaaaggng	cccnggttng	600
ccccggttnn	n					611

<210> 379

<211> 602

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 379

acagctgggt	ggacctattc	atgcatcttc	accagcagct	ggagcatctc	cacccttggt	60
atctctgggt	taaattactt	gagctctgtg	ctttgaaacc	agtttgataa	gtcctttact	120
aaggagctcc	tgaagggtcg	ccctggccag	ggagcctcga	atcttcagtc	tctcagagac	180
cacagctggg	gttataagtt	tatagttggg	aacttcctta	cagagtttat	cataggtagc	240
tttgtcaaac	aagactaagt	tattgagctt	gtcccgaact	ttgccttttg	accacttctt	300
ctttttggcc	ttgcccccg	atgtgttcac	tgggtctttg	nctttcttgg	ccgactttcc	360
agcgctcttc	ttcttcttgt	cgctccttagg	cggcattgcc	aagctcggag	aatagcanca	420
gacacngnaa	cctngtcaag	atgtcngaca	aaaagccccg	ggtaccttgg	gcngaacac	480
gcttaaggcg	aattccacac	actggcggcc	gtactanggg	gatccagctt	nggaccaact	540
tggnggaaac	atggcnaact	gnttcctnng	ggaaaatgtg	atccgttaaa	attnccccaa	600
at						602

<210> 380

<211> 598

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(598)

<223> n = A,T,C or G

<400> 380

ggtacngcgg	ggggtgcctg	gctccggttc	ctgcttttgg	ttcttacagt	agtcggcgta	60
ggccttagat	tttttactgt	ctcctgaaga	atttaacaca	aacatggata	tcagacccaa	120
tcatacaatt	tatatcaaca	atatgaatga	caaaattaaa	aaggaagaat	tgaagagatc	180
cctatatgcc	ctgttttctc	agtttggtca	tgtggtggac	attgtggctt	taaagaccat	240
gaagatgagg	gggcaggcct	ttgtcatatt	taaggaactg	ggctcatcca	caaatgcctt	300

gagacagcta	caaggatttc	catttttatgg	taaaccaatg	cgaatcagta	tgcaaaacag	360
attccggata	taatatacaa	aatgcgtgga	acttttggtg	ccaagaaaag	aanaaaagaaa	420
agaaaaagnc	caaacttggg	aacaactgna	caaccncaac	caaaaanctg	ggcnngggac	480
tccaaatcac	ttataccag	ggaattcacc	ccnaatctta	ggctctgata	ccttcaacta	540
tatttaatcc	ttaaaactta	nccgaagagc	taatngatga	tgtntcctgc	cggtaacn	598

<210> 381
 <211> 631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 381

ggtacgcggg	gagagtgtgg	tcaggcggct	eggactgagc	aggactttcc	ttatcccagt	60
tgattgtgca	gaatacactg	cctgtcgctt	gtcttctatt	caccatggct	tcttctgata	120
tccaggtgaa	agaactggag	aagcgtgcct	caggccaggc	ttttgagctg	attctcagcc	180
ctcgggtcaa	agaatctggt	ccagaattcc	ccctttcccc	tccaaagaag	aaggatcttt	240
ccctggagga	aattcagaag	aaattagaag	ctgcagaaga	aagacgcaag	tcccatgaag	300
ctgaggtctt	gaagcagctg	gctgagaaac	gagagcacga	gaaagaagtg	ctttagaagg	360
caatagaaga	agaaccacaa	cttcgtaaaa	atggcnga	aagaaactga	ccnccaaaat	420
gggagcttat	taaagagaan	ccagangnnc	caatngnttg	gccaaactggg	accgtttgca	480
anaagaaggg	ttagcccnt	tgaanaaatg	ccggaagaac	caaagaattc	caagaccctt	540
gntgcnaaac	ttgaacttgc	ctaattgggtc	ttgagaactg	cttttttccc	atcccttcta	600
aatccaaaa	atgnacctgc	ccggggggccg	t			631

<210> 382
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 382

acattcccag	atttttaagc	ctccctcata	aacacctgta	atcagatcag	agtgagaaga	60
aaagcttttt	gaaactatgt	tttctccagg	gaagttctct	ttcaacaaga	tggttttcac	120
tactgataac	ttaacatgct	ggaaacctgg	taatgtttct	atgactttat	tttctaacad	180
cttctttaaa	tcttttaggca	tagcatgctc	tttggcagct	ctcaaggagg	gctgtttcca	240
tgtggctcca	agttccttga	actgctggct	gcactgagtg	gactgtctgt	gtcttgagag	300
ggagctgcat	tttcattgac	ttatgggtccc	acaagtgacc	ctgaggcaan	gtcnaattgg	360
tctncanaac	atTTTTTggcc	ctctcttctc	ctttttgact	tttctgagac	tgacagttct	420
tttganggaa	tccagggnna	angcttccnt	ctctaattggg	ggntaaattc	atTTTccaaa	480
anggnccggt	tttgggaaaa	tnaaanttga	aanggcaccc	nttttattaa	tgcccccna	540
ttttaanttc	ngattntnaa	cttnctgnta	gaatttgtgg	atccnccaaa	ttggcttaat	600
attcaaatag	ctt					613

<210> 383

<211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 383

ggtactttga	ccctggaaa	gtatgggtct	gcttaaaaga	aagaagaaac	atacacgtaa	60
tcaaataaag	cttaacatta	tgcagggctt	ataatcattt	tcagcaacgg	actgcaagct	120
gcactgtgaa	gaaaatgcat	agcagaggag	aaagctgggg	atctgaggaa	ataggtaagg	180
aaaacagtgt	caacacacag	tggaagaagt	gatgaagaca	tctattccgg	agctcacgtg	240
ccatgccctg	ctagcgttcc	ttaacaagcc	acctgctcca	gaaggccaca	gcctgaccct	300
cccaagtgga	atataaatgc	ccaagtgcc	catgaagcca	ccttctncac	tacctaaaa	360
ggttgtctgg	gactgagctc	agaacacaca	cctttctggg	ctaccaaacc	tttaagtgga	420
aagaattttt	tnctaaatat	ctanttttna	taccactttt	aacgccactt	ttatattgaa	480
attgggcttc	taattagncc	ctttcctcaa	ttccttagga	nggaactcat	aatgggagcc	540
aaccaaccag	ggattctacc	cccaatngac	tgnnctttaa	angtattatt	aattttgang	600
ggcaaaggtg	tgaatggttt	acaatacc				628

<210> 384
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 384

acaggtaagc	cctggctgcc	tccacccact	cccagggaga	ccaaaagcct	tcatacatct	60
caagttgggg	gacaaaaaaa	gggggaaggg	ggggcacgaa	ggctcatcat	tcaaaaataaa	120
acaaaataaa	aaagtattaa	agcgaagatt	aaaaaaattt	tgcattacat	aattttacacg	180
aaagcaatgc	tatcacctnc	cctgtgtgga	cttgggagag	gactgggcca	ttctccttag	240
agagaagtgg	ggnggctttt	angatggcaa	gggacttcct	gtaacaatgc	atctcatatt	300
ttggaatgac	tattaaaaaa	acaacaatgt	gcaatcnaaa	gtctcggccc	atttgcggaa	360
ctttgggggg	atgcttgctt	cnaccgantt	ggtgncaacc	tttnnccggg	tccanttttt	420
naaattctta	gttnnaagcnn	aaaaanntag	aatancncna	nancataact	tannaancca	480
tttaanaggt	ccctcggccg	gaacnnnctt	aanggtnaat	cccantnnnt	ggcggggcgtt	540
actncnggat	ccanccttgg	nnccaaantn	gnnggaattca	tggcnnaacc	gntcctgggn	600
gaantngttn	ccttnaaanc					620

<210> 385
 <211> 535
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(535)

<223> n = A,T,C or G

<400> 385

ggtacttttt	tttttttttt	tttttttggt	atthagtttt	tatttcataa	tcataaactt	60
aactctgcaa	tccagctagg	catgggaggg	aacaaggaaa	acatggaacc	caaagggaac	120
tgcagcgaga	gcacaaagat	tctaggatac	tgcgagcaaa	tgggggtggag	gggtgctctc	180
ctgagctaca	gaaggaatga	tctggtggtt	aagataaaac	acaagtcaaa	cttattcgag	240
ttgtccacag	tcagcaatgg	tgatcttctt	gctggtcttg	ccattcctgg	acccaaagcg	300
ctccatggcc	tcacaatatt	catgccttct	ttcactttgc	caaacaccac	atgcttgcca	360
tccaaccact	cagtcttggc	agtgcagatg	aaaaactggg	aancntttgg	ggtngggncn	420
acatttgcct	tggccaaaat	gccnggaacc	ggccccgtac	cttgncngg	ccggccggtt	480
caaaagggcg	aattccacac	acttggcggg	ccgtactang	gggatccaac	ttegg	535

<210> 386

<211> 642

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(642)

<223> n = A,T,C or G

<400> 386

acagcattgg	cagtgggtgg	tcagaggtgg	cagaactatt	tcacactaac	cagttgaaga	60
ctacacaaga	ttaataccat	ccagcatcag	gatatagctg	tggattttac	aaaccattct	120
tatttctaac	ttcaggagtt	gatgtttttc	ccagtccatc	ttaaaatatt	actgctttaa	180
tcacagatca	ggtaaaaagg	acaacatgca	caacctccac	ctagaatcct	gttgtagcct	240
agacagtga	atgatatgac	atcagaagac	tttaaaattg	cagctccttt	tggatcccc	300
aaagtgtatc	tgcactcttc	ttcaaacggg	ccctctttcc	tcaagaagtc	agaagtcacc	360
ttcacaangn	ctgagaattc	cattctgnnc	ccaaantgca	agggacactn	aaggaagaca	420
tcattctttt	attccgtnaa	agacccttaa	ttcatgggng	gaaactgggt	gcacccgcct	480
nagaatcttt	attanactct	ttgnccaatt	tggttacaga	agagntncan	tancccccang	540
aannggtagc	ctttggagtt	tgantcacc	tcataagcac	ccttaaacca	cctgnttggg	600
gaaccttctt	tcactggtcc	ctaactttat	tangccctaa	ag		642

<210> 387

<211> 256

<212> DNA

<213> Homo sapiens

<400> 387

ggaccttttt	tttttttttt	tttttttttt	tgaaaagaaa	ggccttacat	atattattact	60
gaatccagcc	aaccaacgtg	ttcataacag	attcagagag	gaaaacacgt	cgaaatctcc	120
agatagtgg	gacattttca	gcttgatatg	gtaacatgat	cgtgaccttc	agacagcata	180
aatatgtgtg	ccatctcatg	tgcaattcct	tatagaccca	gcttggttct	tctccaatgt	240
ctccttttgg	agttgt					256

<210> 388

<211> 566

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 388
ncnagcggcc gccnngncng gnactgaaca ttggtaaaaa attatatgag ggtaaaacaa      60
aagaagtcta cgaattgtta gacagtcag gaaaagtcct cctgcagncc aaggaccaga      120
ttacagcagg aaatgcagct agaaaaaac cacctggaag gaaaagctgc natctcaaat      180
aaaatcacca gttgtatatt tcagttatta caggaagcan gtattaaaac tgccttcacc      240
agaaaatgtg gggagacagc tttcattgca ccgcagtgtg aaatgattcc aattgaatgg      300
gtttgcacaa gaatagcnac tgggtctttt ctnaaaagaa atcctggngt caaggaagga      360
tataagtntt accccctaaa gtggagntgt ttttcaagga tgatgcccat taatgaccnc      420
cagtcgggct tgaagaacna cttgattgct gcaaaaattt gcttttcttg gacttcttat      480
anggcnaacc tgaaanggat ttcattgaagt catgctacnc aggctatatt tgaaatctgg      540
gagaaatcct ggttgcccaa aattgg                                566

```

```

<210> 389
<211> 629
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

```

```

<400> 389
actttttttt tttttttttt ttttttgttt tttttttttt tttttttttt tttttttttgc      60
agtttctaag tcattacttt tnattttgaa agatttgnga aactnttcac atcatggtga      120
gagtttgtat gattaataan aagcagcttt ttcattgaaat gcttggaggt gaacgagttn      180
tcagcctgng anatccgacc ntcccattaa ctttgaagtt tctcttgatt aatagaagaa      240
aaaaggggag ggtgaanaaa aggaggaaca tgctaaaaac cttatgacaa tcatccaaat      300
gtgaggaaag aacaacccga ttcaccaact ccactttttt tattttacaa ctttctacat      360
ctcacncttg gatattggcc ttcntggctn aaacantcct ggcantcctn tanagccct      420
gaaaaagagc cntggntttt ncaaaagacn ntnggngngn gaannccctn annatgcct      480
gaccncttn cnaagaactn nntntccggg ntcccaaaag tttgaccan cagcttantg      540
tgaannnaaa actnnccttn aaaggtaatg gngngaanng gtgannaant ggggtttttt      600
ganaagtctt ntttttctna aaaccnccg                                629

```

```

<210> 390
<211> 596
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

```

```

<400> 390
actttaattt atttcccctt tctagtgtat taagaaatga catgcacttt aatttgccaa      60
aagcaatgct tgtattctgg cagcaacatg ctacttctat cacatagtaa agtgaatacc      120

```

agaactacaa	aggcaggagg	tgtaagtga	tttttattgg	gaggggaggt	tggcaactta	180
aacagcagca	aataaagagt	gaataaggaa	actccctgtt	gccacagata	cacaagacct	240
ccgtatgtga	tacaggagcc	atttcaattt	gtgaccctta	gacagagatg	gcaagtgcct	300
ttccattcaa	tctaatactt	ccggattcct	actaaaaagg	aatcattaag	agcatggaaa	360
agttgcttac	tggaaaggaa	acccccgaag	agtaagggaa	gggaatgtga	aattaagaag	420
ttatgtggaa	tctcttaaat	tgnaattact	acattttctta	atttccaggt	atnccaaaca	480
cagtcctntg	caaaactggg	cagntactta	aatnccngat	ccatttttagg	cnttacataa	540
gtgtttggga	gtacctatgg	tatttnaatg	aactttttaa	ctttnttccg	ccgtcc	596

<210> 391

<211> 625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 391

acacacccag	gaaatttgtc	atccaccctg	agagtaacaa	ccttattatc	attgaaacgg	60
accacaatgc	ctacactgag	gccacgaaag	ctcagagaaa	gcagcagatg	gcagaggaaa	120
tggtggaagc	agcaggggag	gatgagcggg	agctggccgc	agagatggca	gcagcattcc	180
tcaatgaaaa	cctccctgaa	tccatctttg	gagctcccaa	ggctggcaat	gggcagtggg	240
cctctgtgat	ccgagtgatg	aatcccattc	aagggaacac	actggacctt	gtccagctgg	300
aacanaatga	ggcagnttta	gtgtggctgt	gtgcaagggt	tccacactgg	tgaagactgg	360
tntgtgctgg	tgggtgtngn	canaggacct	ngntnctaaa	accnccgnnt	tgggcaatgg	420
ggctttcgtc	taattnttac	aannttgntg	accaatnggg	gatnaactgg	anntttttgn	480
tcaanactnt	tttggaataa	tntccctnnt	gcnattngcc	ntatttctctg	gggaanggtg	540
ttnatatngt	natggnnaaa	cntntanccg	nnntntaate	ttggaatata	tatnaatacc	600
ttcttaaaan	ntgntnatta	tcctt				625

<210> 392

<211> 266

<212> DNA

<213> Homo sapiens

<400> 392

ggtacccata	ttgctaattgc	taggatcaag	ataccacata	gccagaacaa	gaagttgaag	60
gtaaacaatag	aatattttat	acaggcactc	acacctgcca	tttcggaaaa	ggattaggaa	120
tccagatgcc	gtgaatttaa	ctattcgtta	caggcttgct	ctgcaatatg	ctctggagca	180
acttgccctgc	agagatttct	gtatccacgg	cttcagagca	gaaagagaaa	gcaaagaagt	240
agaggggagga	ataaaaaatcc	ccgcgt				266

<210> 393

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

```

<400> 393
gggtactttttt tttttttttt tttttttttt tggttttacc tgttttttatt ccttaaaaga      60
aaaaaacaac tttaatgcat acatacagaa tagaatacac ttacttaagt tttgacagtg      120
aaaaaaaaata attacaggtt agatatatta tccaagggtt aacatgggga tgatctcata      180
aggcaatttc tttcctttta taaatattaa agtgaatatt attctggaag caaatcatct      240
cctaattctt catcagcaaa atcatcctca tcatccttt tcttggtgct agtttttggg      300
cgttctattt gagggccaag tgggtccaca taggaggcat ctatttcttt gntactgcta      360
ctttcataag gntcatttgt cccaggtaaa agctctgagt ctggccttan tccgtcacc      420
tttactactg gcnctatagt ctggccacta tnaacgntag ccttncttnt cnttttgnea      480
cnggagcccc caatgcantt ttngcntgac tttagcncng gncctaatt cttcattttt      540
ccacctttta gnttttggca antcttgagc cntttttaat cnaagacttn gcanagccaa      600
ttaaaaaccc c

```

```

<210> 394
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<400> 394
acgagtccca ctatgcgctg cccctgggcc gcaagaaggg agccaagctg actcctgagg      60
aagaagagat tttaaacaaa aaacgatcta aaaaaattca gaagaaatat gatgaaagga      120
aaaagaatgc caaaatcagc agtctcctgg aggagcagtt ccagcagggc aagcttcttg      180
cgtgcatcgc ttcaaggccg ggacagtgtg gccgagcaga tggctatgtg ctagagggga      240
aagagttgga gttctatctt aggaaaatca aggccgcaa aggcaaataa atccttggtt      300
tgtcttcacg caaaaaaaaa aaaaaaaaaa aaaaagtacc

```

```

<210> 395
<211> 557
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc feature
<222> (1)...(557)
<223> n = A,T,C or G

```

```

<400> 395
acacatcttc aaagcacttc cttttaacgg gaaacttagc tttatgggat ttaaacatta      60
gaaagtggga aaaaaaattc cattttcttg tcattataaa ccaaaacaaa atctagtgt      120
agtcaaggaa actcattcac acttcaggtc cttctcctcc aggaaccagc attgttatat      180
tatttccatt tagcaaaatc tgatgtaatt tagtaatcct tcttccttct ggtgtgattt      240
caaactcagt gacatcttcc agtactttnt tttttttttt ttttttttgg gtgttgagct      300
tggacgcttt cttaattggg ggctgctttt aggcctacta tgggtgttaa atttttactc      360
tctctacaag gntttttcct agtggccaaa agaagctggg cctccttttg gactaccgtt      420
aaaattacca nggggattta aaanggggnt tgngggccaa attnaaagtt ngactangan      480
tctatttttg gccaccagt nttaaccagg cttcggtang gttggccgcc cccgggtacc      540
ttgggccggg aacacnc

```

```

<210> 396
<211> 617
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 396

ggtacngcgg	ggccactcga	gtgcgcaggc	gcctggcgat	taccgggtctc	accatggagc	60
ggaaagtgct	tgcgctccag	gcccgaaga	aaaggacca	ggccaagaag	gacaaagccc	120
aaaggaaatc	tgaaactcag	caccgaggct	ctgctcccca	ctctgagagt	gatctaccag	180
agcaggaaga	ggagattctg	ggatctgatg	atgatgagca	agaagatcct	aatgattatt	240
gtaaaggagg	ttatcatctt	gtgaaaattg	gagatctatt	caatgggaga	taccatgtga	300
tccgaaagt	aggctgggga	cacttttcaa	cagtatgggt	atcatgggat	attcagggga	360
agaaatttgt	ggcaatgaaa	gtagttaaaa	gtgctgaaca	ttacacttga	aaccagccta	420
gatgaaatcc	ggttgcttga	agtcagttcc	aattcagacc	ttatggatcc	aaatngaaaa	480
atggttgtca	actactagat	gacttttaaa	ttcaggaggt	aatggaacac	atatttgcac	540
gggatttgaa	gttttggggc	anattngtta	agnggttctc	aatcaattn	ttangggctt	600
tcctgccttg	ggtnaaa					617

<210> 397
 <211> 594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 397

acgcggggga	tcaggactcc	tcagttcacc	ttctcacaat	gaggctccct	gctcagctcc	60
tggggctgct	aatgctctgg	gtcccagggt	ccagtgggga	ccgtcgtggt	gactcagctc	120
ccggtctccc	tgcccgtcac	ccttggtcac	ccggcctcca	tctcctgcag	gtctggtgaa	180
actctccttt	acgaagatgg	aagcacctac	ttgagttggt	ttcaccagag	gccaggccaa	240
tctccgaggc	gcctgattta	ttaaagttct	aaccgggact	ctgggggtccc	agacagattc	300
agcggcagtg	ggtcaggcac	ttattttcacg	ctgaaaatca	acagggtaga	ggctgatgat	360
gttggaatt	attactgcat	gccanggtca	aaactggccc	tcacttttccg	gngaaggacn	420
aaaggtggcc	natcaaacca	actgnggctt	gaccattggc	ttcatnttcc	cgccatttga	480
taaccantga	aatctggact	gctttgtggg	ngcctgctga	aaacttntat	ncenagagc	540
cnaagtcacg	acagtttttc	natttactcg	aaaaatntgg	aatgataat	tttn	594

<210> 398
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 398

acagtgggtcc	ttttcagagt	tggacttcta	gactcacctg	ttctcactcc	ctgttttaat	60
-------------	------------	------------	------------	------------	------------	----

tcaaccacgc	catgcaatgc	caaataatag	aattgctccc	taccagctga	acagggagga	120
gtctgtgcag	tttctgacac	ttgttggtga	acatgggctaa	atacaatggg	tatcgctgag	180
actaagttgt	agaaattaac	aaatgtgctg	cttggttaaa	atggctacac	tcactctgact	240
cattctttat	tctatttttag	ttggtttgta	tcttgccctaa	ggtgcgtagt	ccaactcttg	300
gtattaccct	cctaatagtc	atactagtag	tcatactccc	tggtgtagtg	tattctctaa	360
aagcttttaa	tgtctgcatg	cagccagcat	tcaatagtga	atggncctct	tttggctgga	420
attaccaaac	tcagagaaat	gnngcatcag	gagaacatct	taaccccatg	aanggataaa	480
agccccaat	ggnggggact	tgataatagc	nctaattgctt	taaanatttg	gtccactttt	540
tacctaaggt	gagccattg	aaccannngt	gctaaangct	catacttcca	actgaaatgg	600
ttaaggaaaa	a					611

<210> 399
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 399						
actctgtgaa	tggtgagagg	ctgggcacct	acatgggcca	taccggagct	gtgtgggtgtg	60
tggacgctga	ctgggacacc	aagcatgtcc	tcactggctc	agctgacaac	agctgtcgctc	120
tctgggactg	tgaacacagga	aagcagctgg	cccttctcaa	gaccaattcg	gctgtccgga	180
cctgcggttt	tgactttggg	ggcaacatca	tcattgtctc	cacggacaag	canatgggct	240
accagtgttt	tgtgagcttt	tttgacctgc	gggatccgag	ccagattgac	aacaatgagc	300
cctacatgaa	gatcccttgc	aatgactcta	aaatcaccag	tgctgttttg	ggacccctng	360
gggagtgcac	catnctggcc	atgaaaagtg	gagagctnaa	ccagtattag	tgcennagtt	420
tnnanaaggt	gttngttnaa	tgttaaagga	gcantttccg	gnagaataac	cnacnttcag	480
gttattecnn	ggnatgacc	anngtttnga	ccccttnnna	gtccattaat	nccnaacttt	540
tttacnctca	aattttnaan	tnanaaaact	tttngnatna	aattnttnaa	ttanttggtc	600
tttttcaata	tnnn					614

<210> 400
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 400						
acttacactg	tgaaatttta	tgatggagta	gttcagactg	tcaaacatat	tcattgtcaaa	60
gctttttcca	aagatcaggg	ctaaagaaac	agatcacaaa	agtctttcat	catctcctga	120
taaacgagag	aagtttaaa	aacagagaaa	agcaacagtg	aatgtgaaga	aagacaaaaga	180
agataaaccc	ttaaagacag	aaaagcgacc	caagcagcct	gataaagaag	gaaagttaat	240
ctgtttctgaa	aaggggaaag	tgtcagagaa	aagtcttccc	aagaacgaga	aggaagacaa	300
ggaaaacatt	tccgaaaatg	acagagagta	ttctggagat	gcccagtggt	ataagaaacc	360
tgaaaatgac	attgtgaaga	gtccacaaga	aaacttgagg	ggaaccnaaa	ngaaaacgag	420
gcagaccccc	ttccatagct	nctactgctg	gggattnaaa	ctttaaactt	tggcacccat	480

acctttggac	ttnnnanaag	gaaaatttca	naggggtgtga	agtcctttaa	accgtccttg	540
gttgncaaaa	ntttttncng	ggaaagtcaa	aaacttcttt	gaaaaccttg	ccnangattt	600
ttnnngngac	nt					612

<210> 401

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(601)

<223> n = A,T,C or G

<400> 401

ggtacggtaa	ctgactccag	ggtcactcat	actgtgtccg	tggtaacggg	aagtctgcag	60
ctccatcagg	atggggccct	tcccagatct	acaataggca	gcagcaaacc	ttgttgccctc	120
tgggacgcac	aggatatcca	ttccatccac	tctcagccca	ggaatgaaat	cgcctctctt	180
gtagtaatca	gtgctggctg	ccgctctctc	aacagacgtt	cccattccat	agcgattatt	240
ctcacagatg	aaaatacaag	gtaatttcca	caaagctgcc	atgttgtaag	cttcgaatat	300
ctggccctgg	ttagcagcac	catcgccata	taaagtcagg	cagacctcat	cttttccatt	360
atacttacag	gctagagcaa	tcccagcgcc	caagggcacc	tgcgctccta	cgatgccatg	420
gccccgtana	agtcttgcca	tacatgtgca	tcgatcctcc	ttcctttage	acaanctcct	480
tttgnccctg	aactgcaaaa	tttntcggac	ggaaaggccc	cggtgnaaag	taaagccgtg	540
agccccgnag	gctgngatna	aanggcttgt	ggggttnaag	cccggcttca	ggtcccacag	600
a						601

<210> 402

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 402

acctggagaa	gatcaaacag	cgactgtttg	agaaccttag	aatgctgccg	cacgcacctg	60
gggtccaaat	gcaggcgatt	cctgaggacg	ccatccctga	ggagagtggc	cgatgaggac	120
gaagacgacc	ctgacaagcg	catctcgatc	tgtcctcttg	acaaacgaat	tgcctgtgag	180
gaagagttct	ccgattctga	agaggaggga	gagggggggc	gcaagaactc	ttccaacttc	240
aaaaaagcca	agagagtcaa	aacagaggat	gaaaaagaga	aagaccaga	ggagaagaaa	300
gaagtcaccg	aagaggagaa	aaccaaggag	gagaagccag	aagccaaagg	ggtcaaggag	360
gaggtcaagt	tggcctgaat	ggacctnttc	agctctggct	ttctgctgag	tccctacgtt	420
ctttcccaac	cccttaaatt	tataatttct	attctctggg	gatttatata	aaaatttatt	480
naatnttaat	attcccaggg	cccgaaccca	agggcccga	ctnaaggnaa	ntttgcttgg	540
gtgagctntt	tcaagaacca	ccttgcaccc	atthttccgt	cttaacttta	accaaaangg	600

<210> 403

<211> 604

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 403

actcagtgga	tgacgagtgc	ttggtgaaat	tggttgaaagg	cctgtgtctg	aaatacctgg	60
gccgtgtcca	ggaggccgag	gagaatttta	ggagcatctc	tgccaatgaa	agaagatta	120
aatatgacca	ctacttgatc	ccaaacgccc	tgctggagct	ggccctgctg	cttatggagc	180
aagacagaaa	cgaagaggcc	atcaaacttt	tggaatctgc	caagcaaaac	tacaagaatt	240
actccatgga	gtcaaggaca	cactttcgaa	tccaggcagc	cacactccaa	gccaaagtctt	300
ccctagagaa	cagcagcaga	tccatggtct	catcagtgtc	cttgtagctt	tgtgcagcag	360
ttccgggctg	gaagacagag	acagctggac	agagctcctg	aaaacatttc	aaaaataccc	420
ccttcccctg	gcctgccctg	cctttggggt	ccanccggcac	ttcagttgga	tggcacaacc	480
tantgtatcc	gtgcnnaaan	cnaacctggc	attttcaccc	anntanccaa	gggcttttgc	540
caaggggnana	acagtggagc	ccttggtctg	ncctataaac	atacgggtac	cttggccggn	600
acnn						604

<210> 404
 <211> 604
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 404

ggtactttgt	ggataagaaa	atggaggaac	acatctgatg	gagagtgggc	atttgacaac	60
aatggaacag	gtaaccagca	tgtaaaatca	aaatataagt	gtctttttta	gagctgaaag	120
ctgctgctgg	tcattcatta	atgtgtcaga	catttaatac	ggatgctgga	ccttcaaaat	180
aactgaaaaa	agaaccaaga	aaaggcggtt	ttgtttttca	caaactttac	taaataaccc	240
cggaaaggca	atgaacgatc	tgacaattta	agctctaata	atttaaagct	cagctagaag	300
aaagtgaggc	atgacatata	ctgtcaacgg	agggtgaagg	aggcagattt	ctggaaatgc	360
aatgatccca	cacatttgct	tcaaggagaa	acctgcagac	atattttcag	gtcttgctaa	420
gtaacaactg	gttatttgta	atcaatcatt	tgaggaaagtc	tgctatgtag	ctaanggcac	480
tgtgaccccn	gacaacngat	gaaaaggaaa	aagcmttgac	agcaggaaaa	atccttccat	540
cttaaagaat	ttagggggaca	ccttttaaagg	aaaaaaattg	ntccagcctc	atttttacia	600
ntnt						604

<210> 405
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 405

acttgcattt	caaagcttat	aagatataaa	tggagatttt	aaagtagaaa	taaatatgta	60
ttccatgttt	ttaaaagatt	actttctact	ttgtgtttca	cagacattga	atatattaaa	120
ttattccata	ttttcttttc	agtgaaaaat	tttttaaagt	gaagactgtt	ctaaaatcac	180
ttttttccct	aatccaattt	ttagagtggc	tagtagtttc	ttcatttgaa	attgtaagca	240
tccggtcagt	aagaatgccc	atccagtttt	ctatatttca	tagtcaaagc	cttgaaagca	300
tctacaaatc	tcttttttta	ggttttgncc	atagcatcag	ttgatcccta	ctaagttttc	360
atggggagac	ttccttcata	acatcttatg	ttgaaatcac	tttctgtagt	caaagggtata	420
ccaaaaccaa	tttatcttga	actaaattct	aaagtatggg	tatccaacca	tatacatctg	480
ggtaccaaac	ataaatgtgt	acattcntat	attatagtna	aggcttaatc	nacttgcagg	540
tgaatggaaa	aaaaataagc	ttnaacctag	gattctggaa	tgaggaatgc	tcn	593

<210> 406
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 406

actttttttt	tttttttttt	ttttttttttg	ggactgaatc	ttgctctgtc	gcccaggctg	60
gagtgcagtg	gcgcaatcct	ggctcactgc	aacctctgcc	tcctgggttc	aaagtggttct	120
catgcctcag	cctcctgggt	agctgggatt	acagacaagc	accaccacaa	ccagctagtt	180
ttttttgttt	tgttttttttg	agacggagtc	tcgctctgtc	accaggctgg	agtgcagtgg	240
cacaatcttg	gctcactgca	acctctgcct	cctgggttca	agagattctc	ctgcttcagc	300
ctnccaagta	gctgggacta	caggtgcaca	ccatcacacc	tggtctaattt	ttgtattttt	360
aaagtanagac	ggggttttcac	catgttggcc	aggctgggtc	caaactcctg	acctcaagtg	420
aaccggccgc	ttancctcca	aaagtgtggg	attacaggcg	tgagcccaact	ggcctggctg	480
accatttggg	tattaacagg	gcccccaana	tgcnccttta	ngtgaaaggg	natggcccca	540
gggaacaatt	nngctgaaaa	acaccaaagg	ccnanteccat	aattcnttgg	n	591

<210> 407
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 407

ggtactgatt	ttaaaaacta	ataacttaaa	actgccacac	gcaaaaaaga	aaaccaaagt	60
ggtccacaaa	acattctcct	ttccttctga	aggttttacg	atgcattggt	atcattaacc	120
agtcttttac	tactaaactt	aaatggccaa	ttgaaacaaa	cagttctgag	accgttcttc	180
caccactgat	taagagtggg	gtggcaggta	ttagggataa	tattcattta	gccttctgag	240
ctttctgggc	agacttgggt	accttgccag	ctccagcagc	cttcttgtcc	actgctttga	300
tgacaccac	cgcaactgtc	tgtctcatat	cacgaacagc	aaagegaccc	aaagggtggat	360
agtctgagaa	gctctcaaca	cacatgggct	tgccaggaac	catatcaaca	atgggcagcat	420
caccagactt	caagaattta	nggccatctt	tcccgggtac	ctg		463

<210> 408
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 408

acaaatatat	ataacttaca	tttgattgta	aggccaacgt	tcaaaagtaa	aaatgagatg	60
agctctctta	ttgttatccg	agggtcaagag	gctgcaactg	tcaaggggat	gttctcacca	120
aaaggggggt	tgggggaaga	ggacacacac	aaagctaata	aaaccagaat	ccccatcccc	180
acaaaactca	tgggaacaaa	atttaaagga	taaaacaaaa	cccaccaaga	cccatattac	240
aaaccaatat	ggtaacctgt	gttcccttct	atggtatgat	tatgtcatgt	taccttagtg	300
ttaaaagatt	aacataagga	aactgcagca	atatataaaa	gatataattct	ctatagagca	360
tatttcgatt	gattccatta	aaataatgac	attagaattc	catcatangg	ttaaaaccag	420
gacaatactg	nttttncttt	atttaaaaaa	aactaccacc	taatgactgn	attgggtcata	480
acctgaatgg	tgtgcaatgg	gctcttccat	gaatggctgg	cngaaacaag	cttgggncct	540
gcttgagttt	cagctttcct	ctttaattta	gtngctcaat	gataaaca		588

<210> 409
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 409

ggtacaaaga	tctgacatgt	cacccagggga	cccatttcac	ccactgctct	gtttggccgc	60
cagtcttttg	tctctctctt	cagcaatggt	gaggcggata	ccctttctct	ggggaagaga	120
aatccatggt	ttgttgccct	tgccaataac	aaaaatggtg	gaaagtcgag	tggcaaagct	180
gttgccattg	gcactcttca	cgtgaaccac	gtcaaaaagat	ccagggtgcc	tctctctggt	240
ggtgatcaca	ccaatttttc	taggttagca	cctncagtca	ccatacacag	ggtaccagtg	300
tcnaacttga	tgaaaatcaa	gtaatcntgg	ccagtctcta	aaatcaaate	ttgaatggta	360
tcaattcacc	cttgatgaag	gggaatcggg	ggtaaccctg	atgggtgccc	ggccttnatg	420
aagtcanca	natgaaggga	ttcctttggg	gcccccaaag	aacttttttn	attttcacaa	480
cttgnacctt	gcccggcggg	ccgttcaaaa	gggcnaattc	cagncacttg	gnggcogtct	540
aanggatcca	actcggacca	acttggcgna	anatggcaaa	ctggttcctg	gggaaatggg	600
atccctccaa	tn					612

<210> 410
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 410

acgcggaagc	agtggtaaca	acgcagagta	acgcgggatg	gcacatgcag	cacaagtagg	60
tctacaagac	gctacttccc	ctatcataga	agagcttatc	acctttcatg	atcacgcctt	120

cataatcatt	ttccttatct	gcttcctagt	cctgtatgcc	cttttcttaa	cactcacaac	180
aaaactaact	aataactaaca	tctcagacgc	tcaggaaata	gaaaccgtct	gaactatcct	240
gcccgcctac	atcctagtcc	tcacgcgcct	cccaccccta	cgcatccttt	acataacaga	300
cgaggtcaac	gatccctccc	ttaccatcaa	atcaattggc	caccaatggt	acc	353

<210> 411
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 411

ggtacgcggg	gagagaaacc	tggctttact	atggcgggtg	gaggaacggc	agtgatcaca	60
cgtcggctgc	tgggaagatc	tggattctcg	tttcagggtca	ccatcagaaa	agctaagttt	120
gctgtatagt	gaggatcagg	agatctgac	ctgattgcag	aaccttccct	gattacagaa	180
tcttggggtg	tatctccac	ttcacccttc	tagaccatcc	cagaagatct	ataagatttc	240
atctgggaaa	tcactaggag	ttcttggaag	ggaaagaagg	aagattgttg	gttgaataa	300
aaacagggtt	gaatgagttc	cagaaagcnn	ggttctcaac	ctcgtggaca	gcaatctgca	360
gaagangaga	acttcaaaaa	accnactana	agcancttgc	anagaagtaa	aatgagaagg	420
ggncttctna	ngaaagaaga	cacttggncc	acagcagaaa	aaactttgac	cnantnttnc	480
caggaagana	gggggggtcc	cnctttttaa	naacccccctt	taagatncng	gnggaanacc	540
tcanngacca	nccntaaatt	nnggaaaccg	aaaaggggcn	gtcctttttg	ntnncagntg	600
cncnttaan	nt					612

<210> 412
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 412

acgcggggct	ctctcgccag	gcgtcctcgt	ggaagtgaca	tcgtctttta	accctgcgtg	60
gcaatccctg	acgcaccgcc	gtgatgccca	gggaagacag	ggcgacctgg	aagtccaact	120
acttccctta	gatcatccaa	ctattgggatg	attatccgaa	atgtttcatt	gtgggagcag	180
acaatgtggg	ctccaagcag	atgcagcaga	tccgcagtgc	ccttcgcggg	aaggctgtgg	240
tgctgatggg	caagaacacc	atgatgcgca	aggccatccg	agggcacctg	gaaaacaacc	300
cagctctgga	gaaactgctg	cctcatatcc	gggggaatgt	gggctttgtg	ttaccaagg	360
aggacctcac	tgagatcagg	gacatgttgc	tggccaatna	ggtgccccagc	tgctgcccg	420
gctggtgccc	atttgcccat	gtgaangtca	cttgtgccca	gccccaaaaca	cttgtcttng	480
ggcccganaa	gaacttcttt	tttccaggcn	ttaaaatatt	caccctttaa	antttcaagg	540
ggccccattt	gaaatcctgg	annatnngca	ttgatcaana	ttganacaaa	gtggnancnt	600
ccaaccc						607

<210> 413
 <211> 606

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 413
 acaggtcaga gtcttctttt cttttctttt tgagatggag tcttgctctg ttgccagact 60
 ggagtgcagt ggtgcgatct gggctcactg caatctccac ctcccgggtt caagcgattc 120
 tcttgcttca gcttcccagag taactgggac tacaggtgtg cgccaccaag cccagctcat 180
 ttttgtattt ttagtagaga tgggggtttca cgatgttggc taggatggtc tcgatctctg 240
 gtcagagtct tttctgtaaa tatccttggg aaagaagcaa ttttagactg tagctgttgc 300
 aaatgcttta aggaagaagc anaacaactg tcagtcttcc tgaaatgaag aaactacacc 360
 agggctgcta tatcagagca accccaacca gcactccaat catgatgccg gacagtggcc 420
 ccagcttgag aaccagagaa gttccagatg cagagactgt gagctcntga ctatgggaat 480
 tttngnggcn ntaacccaan tttgagacna aacnaggcct tngncccggt tttnatttgg 540
 gngggatttt gcggataaan aaacttgngg gggntnctgc ggnatccatg gaacnccaaa 600
 anatng 606

<210> 414
 <211> 624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 414
 ggtacttttt tttttttttt tttttttttg tagatgaggt ctgcctatgt tgcccaggct 60
 ggagtgcagt tattcacagg tgcaaccaca gggcactgca gctttaaact cctgggctca 120
 agcgatcttc ctgcctcagc ctcccaaata gttgggacta gatgcacgca cnaccacgcc 180
 tgactcagga cattattctt aaagggtatta tccaggaaac agataaggtc attcataaaa 240
 cacacggntt ttttctttag ctcagtgtta acaatgaaag tagattccac tattgaagca 300
 caagttgcaa attggttaaca tagngaacat attgntgtag gaaagggggg tcagtgtgnt 360
 gtgttatatn agcncttgaa ctttttatgg gngtnataag ccnngttatc ttgncccaaa 420
 gaaannccat tttttaggatt ngatgggttt cttannngaa nannctnggg ggnattntgt 480
 ngggcatgaa cttttatgtn ggaatcagtc ccatanaggt aaggggttnn aatcccaaaa 540
 ancgggggnt tttatgggaa atnnccctta cttcaaaggc caaanngatn gtnggtgtca 600
 cttcnaantt ccngannnca annng 624

<210> 415
 <211> 609
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

```

<400> 415
acgcgggtta caacggaagt aaaatctgtc gaaatgcacc atgaagcttt gagtgaagct      60
cttcctgggg acaatgtggg cttcaatgtc aagaatgtgt ctgtcaagga tgttcgtcgt      120
ggcaacngtt gctggtgaca gcaaaaatga cccaccaatg gaagcagctg gcttcactgc      180
tcaggtgatt atcctgaacc atccaggcca aataagcgcc ggctatgccc ctgtattgga      240
ttgccacacg gctcacattg catgcaagtt tgctgagctg aaggaaaaga ttgatcgccg      300
ntctggtaaa aagctggaag aaggccctaa attcttgaag tctggtgatg ctgccattgt      360
tgatatgggt cctggcaagc ccatgtgttg ttgagagctt tctcagacta tccacctttg      420
ggtngctttg ctggtcgtga natgagacag acaggtgccn gtggggtggc atcaanncat      480
gggacaanaa aggcttnttg gancttgcaa aggtncncaa nttttgncca naagcntcaa      540
aagntaattg aatttttccc ctannnctg cncnccttt tannanggnn ggaaaacggc      600
ttaaanntt                                     609

```

```

<210> 416
<211> 577
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

```

```

<400> 416
ggtacgagct gattgggaac gggctccaat ggacatggct ctgcagtcaa aatagttagc      60
agatggacag gtttggaata tgtgagggcc catatcatca tanccagcaa taaggagacc      120
aacaccatat ggtctccggc catatccgtt gtggttgat ctgggtcttg cttccaatta      180
gagatacaag actgagacac aggcagtggg ctatcgaata caaatctgga atncaaacac      240
tcctgacgca taaaattaca taacagncta gcatnancag taagcccccg caattgagat      300
accaatatgg ttgtcaacat ggagaatttt tttctgatga cctgccaaact cttgatttgc      360
gcccttttca atgcnaaccc aaaactggca tgaagntttt gnatttcaga ccancctgnt      420
ggctgnacct tggtttaaca ggtttccatt ggcntatttc natattgatn aantcttgcc      480
cntggggggg ttcnaancta ggggccatca nttggtcaaa ctgntttnta aaccatgggg      540
gcnggctcng gccttggttg ctggcntcaa caaaaan                                     577

```

```

<210> 417
<211> 570
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G

```

```

<400> 417
ggtactaaga atattagaga actggaaatc cagttttttt gtgggttttt aagaaagaga      60
atctgactcc attgccagc ttggagagca gtggtgcaat agctggggct acaggcgtga      120
gccaccacac caggcctgga aaccagttt taatttgatg actacaaatg gttggcaact      180
gattccttaa ttgttattgc aggagttagc ccaacatgag tccatatgta gtccttctct      240
ggtctggtgg gaactgtggg aaatggtgat gaccgtgact tgaaatactn agaaggtgca      300
tgacaaacaa attccaagta ttccatcttc cttggaagat cttcctctgg ccctatgata      360

```

taggaagcng	gaatcaaatt	tgggctcttg	ggctaagant	aggggtatgg	aatgagcccc	420
cgtnaantgg	cttgnacttc	ttcttcgcta	atactgggcc	ctggattaaa	accttttgat	480
ttanancnata	gntagggtctt	tccttcttgg	ttaatcaatt	cccagaaacc	aacattccca	540
atttgggtaa	natactccct	tgtanaaaaa				570

<210> 418
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 418						
ggtacttcta	cacatctgcc	taacttggga	atgaatgtgg	gagaaaaatcg	ctgctgctga	60
gatggactcc	agaagaagaa	actgtttctc	caggcgactt	tgaacccatt	ttttggcagt	120
gttcatatta	ttaaactagt	caaaaatgct	aaaataaatt	gggagaaaaat	attttttaag	180
tagtgttata	gtttcatggt	tatcttttat	tatgttttgt	gaagttgtgt	cttttcaacta	240
attacctata	ctatgccaat	atttccttat	atctatccat	aacatttata	ctacatttgt	300
aagagaatat	gcacgtgaaa	cttaacactt	tataaggtaa	aaatgaggtt	tccaagattt	360
aataatctga	tncagttctt	gntatttccc	aatagaatgg	gactnngnnc	tgtaanggc	420
ttaagganaa	agggaagata	agggttaaaa	gttggttaat	ggaccaacc	nttnaaaga	480
aatgcnntan	anaatanntt	natgantaaa	naaaggtncc	tngcccnngc	cgcccgttt	540
aaangggcca	atttcnagca	cncnnggcgg				570

<210> 419
 <211> 574
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 419						
ggtacacctt	tgactacagc	tgacagaagt	ttcctttaga	caaagttgtg	acccatttta	60
ctctggataa	gggcagaaac	ggttcacatt	ccattatttg	taaagttacc	tgctgttagc	120
tttcattatt	tttgctacac	tcattttatt	tnnatttaaa	tgtttttanc	aacctaaaga	180
caaagttaaa	agtaaagatg	caggaaaaat	gaattgcttg	gtattcatta	cttcattgat	240
atcaagcaca	gcagtaaaaac	aaaaacccat	gtatttnact	tttttttagg	attttttgct	300
ttctgtgatt	tttcttnttt	tttgataact	gcctaacatg	catgtgctgt	anaantnagt	360
taaccagggg	aataaccttg	ngatnatggc	ctanccttta	gtttangtct	tatgaanttt	420
tcattgacca	attctaanca	ataatgggtt	annaacaccg	tgntntnaaa	atttctggta	480
anttggaaat	aaaagggttn	nttgaaatgg	gccttttcca	cnnactttnt	ttnnacgctn	540
tttcttggna	aataagccct	nggttctctg	aacc			574

<210> 420
 <211> 573
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 420

acctccggta	gaattcgggtg	aatccatctg	gtcctggact	ctttttgggt	ggtaaactat	60
tgattattgc	cacaatttca	gtcctgttta	ttgggtctatt	cagagattca	acttcttctt	120
ggtttagtct	tgggagagt	tatgtgtcga	ggaatttatc	catttcttct	agattttcta	180
gtttatttgc	gtagaggtgt	ttgtagtatt	ctctgatggg	agtttgtatt	tctgtgggat	240
cgggtgggat	atccccctta	tcatttttta	ttgngtctat	ttgattcttc	tctctttttt	300
tatntagtct	tgctagcagt	ctatcaattt	ntgtngatcc	ttttcanaaa	aaccengctc	360
ctggaattca	tttaatnttt	tnaaggggtt	ttttngtggc	ctctaatttc	cttcaagtcc	420
tggctctgat	tttaagtta	atncctggct	ttttggctac	nttttgnaaa	gnggttggcn	480
cntgnntttt	ctanntcctn	ttnaantggg	gatngnttnn	aangcccatt	ttnggaannt	540
tcccgccttn	ntttgggggg	catttangtt	nnn			573

<210> 421
 <211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 421

ggtaacgagg	ggcccgccat	ttcgtggacg	ccgggtgagt	gagagagttg	gttgggtgttg	60
ggcccgagg	aagcgggaag	actcatcgga	gcgtgtggat	ttgagccgcc	gcatttttta	120
accctagatc	tcgaaatgca	tcgtgatttc	tgtccattgg	actgtaaggt	ttatgtaggc	180
aatcttgga	acaatggcaa	caagacggaa	ttggaacggg	cttttggcta	ctatggacca	240
ctccgaagt	tgtgggttgn	tagaaaccca	cccngctttg	cttttgntga	atttgaagat	300
ccccgagatg	canctgatgc	aatccgagag	ctanatngn	angaacacta	tgtggcctgc	360
ccgtgtnagg	aattggaact	ggccgnaatg	gttgaaanaa	agaangttcg	aaaattcgtg	420
gncctncntt	ccttttgng	gtcgtcngnc	cttnagaatg	attaatcgnn	nggaaggang	480
tccttccncc	ttnncccnan	antttncant	aaangaanaa	agcttttttt	ngcaaccn	540
aancaggtcc	cttttttttag	attggganaa	atagnngagn	tc		582

<210> 422
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 422

ggtaactctga	ggcttttagat	tcagtttggg	tcttttggggg	ggacctctat	catcacgcct	60
ataatcatcc	cgagagtaat	catctctgga	gtccacagac	cgatcatccc	gtctgtcata	120

tcggtcttca	tagcgggtccc	cgcctcctct	gtagtcatca	tccctgcgat	acccactgcc	180
aaatgctctt	ctgccactgc	ctatccggga	atcatagcct	ctatcatagt	ctctgctgcc	240
tcggtcatca	tagcgatccc	ggccaccata	tcgatccata	tcccggcgtg	ggccatccga	300
tacccatccc	gatacccatc	ccgataccgg	ctgaatcata	acgatctcga	tacttgntc	360
caaagctatc	atcacctctt	ctagggtggg	aagtcaccaa	agctgtctgg	tagcaaggac	420
gaagcccttc	aagtcctgat	ctggtttggg	cagaatnccc	atttttatca	cnggccaaaa	480
gnaacgaatc	atccctnngc	tttaaccnng	ngcttgatcn	agcaacgtcc	acntcgaaat	540
tntcctngtt	acctananaa	ctcttcattg				570

<210> 423
 <211> 584
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

<400> 423

accggggtgg	ttaaacttcg	canaatgcct	agatattatc	ctactgaaga	tttgccctnga	60
aagctgttga	nccacggcaa	aaaacccttc	agtcagcagc	tgagaaaact	gcgagccanc	120
attaccnncg	ggaccattct	gatcatcctc	actggacgcc	acagggggcan	gaggggtggtt	180
ttnctgaagc	agctggctag	tggttatta	cttgtgactg	gacctctggg	cctnaatcga	240
gttctcttac	naagaacaca	ccaataaatt	tgctattgcc	acttcaacca	anantcngat	300
atcagcaatg	taaaaatncc	aaancatctt	actgatgctt	actttaagaa	gangaagctg	360
cngaagccca	anacancnng	gaagggtgaga	tctttcgaca	canaagtatg	agaanttatg	420
agatttacgg	agcaangcan	ggattgatca	nganaagctt	ngggcctcac	caaatttttn	480
nccaanannt	tcaaagttta	tttctnag	tttcnnnggg	cttncttgc	antctgggg	540
tggctttgnc	ctaattgggaa	tttattnctc	ccaaaaatgg	nggn		584

<210> 424
 <211> 547
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 424

actcttggtt	tgtcaatggg	actttccagc	aatccaccca	agagctcttt	atcccccaaca	60
tcactgtgaa	taatagtggg	tcctatacgt	gccaaagcca	taactcagac	actggcctca	120
ataggaccac	agtcacgacg	atcacagtct	atgcagagcc	acccaaaccc	ttcatcacca	180
gcaacaactc	caaccccggtg	gaggatgagg	atgctgtagc	cttaacctgt	gaacctgaga	240
ttcagaacac	aacctacctg	tggtgggtaa	ataatcagag	cctcccggtc	agtcccaggc	300
tgcagctgtc	caatgacaac	gggacctca	ctctactcag	tgccacaagg	aatgatgtag	360
gacctatga	gtgtggaatc	cagaacgaat	taagtgttga	ccacagcgac	ccagtcattc	420
tggaatgncc	tctatggnc	aaacgaaccc	caccatttcc	cctnatacac	taattaccgn	480
ccaggggtga	accttaagct	tttctggcat	gcagccttta	cccacctggc	acagtattct	540
tggctgn						547

<210> 425
 <211> 567
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 425
 ggtaccatcc tttaatatagat ctcatacacc agaattcaga tcatgaatga ctgacagaat 60
 attttgttgg gcagtcctga tttaaaacta agactggctt gtgggttaaataaat gaatatgttc 120
 agtttttgaa ttttaatatag aactccaatt cagtaaattgg tatcactgtt tacccttttt 180
 aaagatatga ttagacttcg ttagtaattgt tcaacttttc acaaagatgg tgagtgccat 240
 cttaaaactt actggagatt ggctttatat ttagatttat ataactgggtt atgtgaatat 300
 atttaaatac tggggaaatt gcttcactgt cttagaacca agcaagattc acctgtgttt 360
 tgtgttcatg ttcatttgcc tcttaaaggc aaggggttga agataaataa ggtagcaatg 420
 tctatagttt tggccttaac ctatgccaat cctaattata attccctgga nttnaaaang 480
 gttncctttta ccttatttgg aanggcnttt taaatngngg gttnttgggn naatatttaa 540
 aggtatttc acccctttca catnttn 567

<210> 426
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 426
 ggtacaattt gttcaaggaa tttttgtaga aaaatacgat cctacgatag aagattctta 60
 tagaaagcaa gttgaagtag atgcacaaca gtgtatgctt gaaatcttgg atactgcagg 120
 aacggagcaa tttacagcaa tgagggattt atacatgaaa aatggacaag gatttgcatt 180
 agttttattcc atcacagcac agtccacatt taacgattta caagacctga gagaacagat 240
 tcttcgagtt aaagacactg atgatgttcc aatgattctt gttggtaata agtgtgactt 300
 ggaagatgaa agagttgtag ggaaggaaca aggtcaaaat ctagcaagac aatggaacaa 360
 ctgtgcattc ttagaatctt ctgnaaaatc aaaaataaat ggtaatgaga attttttatg 420
 acctantgcy gcaaattacc ggaaaaactt ccngngcctg ggaaggctng gcaaaaggcc 480
 ttcattggtca gntgcttaat tatnctaaat gccttgaganc ttttgaccag gntctgaana 540
 actgttgncc aattcaacag ggg 563

<210> 427
 <211> 567
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

```

<400> 427
ggtacttttt tttttttttt tttttttttt tttttgttaa aaaccataca tcctttttat      60
tgntaagtca taaagaggta tcaaaattaa aagcaaaaat tacagggtaa gacttaacaa      120
aactactagg agcgtcaaag gaagtgaana tgggactagg cgcggggcaa tatgaattaa      180
tgaacatggg aaggacaagg atgggganaa cggtgagcat gtgctgaana tactagggga      240
gaggatctgg tgaaaaattt gatcttanac aagcgcctag gtaaagaaat aatgggataa      300
gattttctaaa cccactatg gagcttaaga gtcacctng ccattggcgc tgtctctgnc      360
atcctctcct tcctcaagnc tctttttcat catnctttga tccaattcca gctgggcaat      420
tccccgatc ttnnattatc atcatcattc cantanggnn ccntttctta ggaannngntn      480
ttttggnccc cccttaanat ttcaatttcc cttnnnceca ttttttttan ggagnttgtg      540
gcnnntggccc ttttnggntt aaaaatn                                     567

```

<210> 428

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (578)

<223> n = A,T,C or G

```

<400> 428
ggtaccctat gaacctgact ctgtggtcat ggcagaagct cctcctgggg tagagacaga      60
tcttattgat gttggatnca cagatgatgt gaagaaagga ggccctggaa gaggaggag      120
tggtggcttc acagcaccag ttggtggacc tgatggaacg gtgccaatgc ccatgcccac      180
gcccatgect atgccatctg naaatacngc ctttctcata tccactgcca aagggaccat      240
canatttcaa tggactgcca atggggacct atcaggcctt tnccaatatt catccacctt      300
cagataccag cnactcccc atcgnatgaa tctgnanatg acattaatgc tgataatgaa      360
tatctctttt tgcacanatt gttggtcctg gacccagacc aanaancctt tgcaaanctt      420
nctttccaga cctggaggat tacttatnga cacenttgte cctaaccaga agttgnccat      480
ttgngcceng aacancactt tcccaactgg canttngctg gatcccagnn ccttenggat      540
ttggaanaac nttggctttt gatggatttt ttccccgg                                     578

```

<210> 429

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (572)

<223> n = A,T,C or G

```

<400> 429
ggtaccaaga gtttgctcct ggctgctttg atgtcagtgc tgctactcca cctctgcggc      60
gaatcagaag cagcaagcaa ctttgactgc tgtcttgat acacagaccg tattcttcat      120
cctaaattta ttgtgggctt cacacggcag ctggccaatg aaggctgtga catcaatgct      180
atcatctttc acacaaagaa aaagttgtct gtgtgcgcaa atccaaaaca gacttgggtg      240
aaatatattg tgcgtctcct cagtaaaaaa gtnaagaaca tgtaaaaact gtggcttttt      300
ctggaatgga attggacata gcccangaac agaaagaacc ttgctgggct ggaggtttca      360
cttgcacatc atggaagggt ttagtgctta atctaatttg ggcctcactg gacttngncc      420

```

atttaatgaa	gttnantcat	tattgnnato	atagtttgct	ttgtttnaan	ccttnncatt	480
taaagttaaa	actggaattt	nanggtaatt	tnaacttgta	nggtttcctg	ggtttagctt	540
tttaaactnt	aatttttcca	taagcntttt	tg			572

<210> 430
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 430						
ggtacagccc	aggtaatttg	ctgagcctaa	tgggtgtcag	ggtcagtcta	agtgaaggca	60
aagagaggct	gggatgaagg	gtgcaaagga	atagtaaaga	aagcatgttt	gagatccana	120
acagaataat	gggtagtaga	gggaggtatt	gaggatagaa	nagtatatgg	gtttggcacc	180
acgggggtgga	taggcaaaac	atttggttga	taangcgcag	attctgaact	aacttgtaag	240
gcttgtctg	ttttaggaca	ggtaaaatgg	nggaatggta	aggagaagtt	tataggtttt	300
atgagcccat	gctgtancan	gcaagtgata	actngctttt	aatccctttt	cnaaagcaat	360
gcctggngnt	atgaagnata	tttggcattt	gatcnggggt	tnaangngtg	attagngttn	420
ctantgaaca	atngnaaagg	ggntgccatg	atcngtinncc	caaggatgng	attttanggn	480
antctcntac	ttgtgggggt	naaggggtgn	gggnttttac	naggnggggtc	cccnaagggn	540
gcctnttggn	tntangnaat	aaanggccng	nnaatngana	atccnnnttn	n	591

<210> 431
 <211> 565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(565)
 <223> n = A,T,C or G

<400> 431						
accagtgatg	ttttgatata	agcatataat	gtttaatgat	caagtcagga	taaattgggggt	60
atccatcacc	tcaagcacat	ataatcattt	ctttgtatta	ggcatattca	aattccactc	120
ttttagttat	ttttaaatat	ccagtaaatt	agatcttatt	cattctatct	agatgtattt	180
ttgtacttta	ttttttctcaa	atattttttac	ttatgtcttt	tgtcattatc	cacagtgttt	240
tttttttaaag	cctgagccac	tttgtgggtt	cagcctcaat	ataataatca	tccccttact	300
cttagactaa	ttccttttcc	cctgncactt	tgctgtata	ctctgtaaaa	atgangacct	360
tagaaaatca	acatttcctg	gtgaactttg	agagactatt	acaagcagtg	cccaaaacag	420
tangaataag	gcaggtaaaa	ccagttggga	tagccagatn	tattattgat	ctggtnggac	480
aaanggataa	nttgnggggc	atggtttcca	nggcantcgn	gaattcccca	ttagctttaa	540
gggtcnatnn	angntggccc	anggg				565

<210> 432
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 432

acgcggggggc	caccgtggag	agcagagcgc	ggcggctgga	agctgctaag	tcagagccgc	60
gatgttccgg	attgagggcc	tcgcaccgaa	gctggaccgc	gaggagatga	aacggaagat	120
gcgcgaggat	atgatctcct	ccatacggaa	ctttctcatc	tacgtggccc	tcctgcgagt	180
cactccattt	atcttaaaga	aattggacag	catatgaaga	caggacatca	catatgaatg	240
caccgatatg	aagagcctgg	ttacagtttc	gactcctctc	tgnaagtga	taggcccaga	300
aagggtgaag	agactctttg	aatggacata	aaattctgct	tgtnnagaac	caagtttttg	360
ntctgggtna	ctgacctttc	aaaagctaaa	attttaaaac	tattttgggg	aagtttttta	420
tttnnntatt	nntcngtttn	ttnataaaaa	agtaccttgg	tnccgggnacc	accntttaag	480
ggcnaattn	cagncnnnt	ngngggccgn	ttacttttng	ggatncntaa	nttcggganc	540
cnaanccttg	ggggtaatc	angggtcata	nnctggtt			578

<210> 433
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 433

acttcttctg	gccaaaggct	gttccacatt	cactacattt	aaaaggcttc	tctccaatat	60
ggattttctc	atgctcagta	aggttggatt	tgccactgaa	ggtttttcca	cactccttac	120
atacaaaggg	cttctctcct	gtgtgagttc	tctgggtgtc	gatgaggttt	gacttctgaa	180
tgaaagcttt	cccgaatct	ttacactcaa	aaggtttttc	tccagtgtga	attttctggt	240
gcgtaaggag	gttttccttc	tggtctaaatg	attttccaca	ttcattacat	tcgaaaagct	300
tctcgccagt	atgggtgttc	tgatgtttaa	tgacatactg	cttttggcta	aaggcttttc	360
cacactcggt	acattcaaaa	gggttctctc	tccgtgtgaa	aatgctcatg	ctcantgang	420
tttgaattgn	nggcttgaag	acttttccca	tacccttaca	ggcaaanggg	gttttcccn	480
ttggaanatn	tntggetgcn	tnaagntggt	gacatctgga	tnggaaacct	tttcncatt	540
tccaaagggn	tttttttcnn	nag				563

<210> 434
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 434

ggtacagctg	tctgcattga	aaattcatgc	atggagaaaag	ggagtaagca	agggagaaac	60
ggtgcgattc	acatatccg	cgagatcatc	aagccagcag	agaaatccct	ccatgaaaag	120
ttaaaacaag	ataagcgctt	tagcaccttc	ctcagcctac	ttgaagctgc	agacttgaaa	180

gagctcctga	cacaacctgg	agactggaca	ttatttgtgc	caaccaatga	tgctttttaag	240
ggaatgacta	gtgaagaaaa	agaaattctg	atcgggacaa	aaatgctctt	caaaacatca	300
ttctttatca	cctgacacca	ggagttttca	ttggaaaagg	atttgaacct	ggtgttacta	360
acatttttaa	gaccacacaa	ggaaacaaaa	tcttttcttg	aaagaaagta	aatngatcca	420
cttctgggtg	atgaatttga	aattcaaagg	aatctggcct	tcatgccanc	aaatgggggt	480
aattcatgnt	ggagaataac	ctcctttatc	cagccgnaca	cacctgttgg	aaatggatcc	540
aactgctgga	aattncttaa	taa				563

<210> 435
 <211> 558
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 435

ggtacgcggg	ggaagatggc	ggccgtgcag	gcggccgagg	tgaaagtgga	tggcagcgag	60
ccgaaactga	gcaagaatga	gctgaagaga	cgctgaaaag	ctgagaagaa	agtagcagag	120
aaggaggcca	aacagaaaga	gctcagtga	aaacagctaa	gccaaagccac	tgctgctgcc	180
accaaccaca	ccactgataa	tggtgtgggt	cctgaggaag	agagcgtgga	cccaaataca	240
tactacaaaa	tccgcagtca	agcaattcat	cagctgaagg	tcaatgggga	agaccatac	300
ccacacaagt	tccatgtaga	catctcactc	actgacttca	tccaaaaata	taagtcacct	360
gcagcctggg	gatcacctga	ctgacatcac	cttaaagggtg	gcaggtagga	tccttccaaa	420
agancctntg	ggggaaactn	antcttctnt	tgaactttca	aggaaaanggg	tgaagtgtgc	480
agtcatgggc	caattccaga	aattttaaat	cagnagaaga	atthtttcta	ttaataccaa	540
ctgggtcggg	ggagactn					558

<210> 436
 <211> 528
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 436

ggtacaaaaa	aaaccttaca	taaattaaga	atgaatacat	ttacaggcgt	aatgcaaac	60
cgcttccaac	tcaaagcaag	taacagccca	cgatgttctg	gccaaagaca	tcagctaaga	120
aaggaaactg	ggtcctacgg	cttggacttt	ccaaccctga	cagaccgca	agacaaaaca	180
actggttctt	gccagcctct	agagaaatcc	cagaacactc	agccctgaca	cgtaataacc	240
aaggggaaca	gttaactcca	atacaagggtc	aaaatcagca	acaagttcta	caatccagtg	300
ctgatatacag	atacaaagct	tcaaggggcaa	tttcttttcg	aaggcttatt	ccagtttcgt	360
gaggctagca	tgaagtgtgt	gcatttgcca	ggggcaaatt	tctattctca	attaacccat	420
gcagcaaant	gctacgcac	tggtctgagtc	cggtttanaa	nccatttgcc	ggnggaccaa	480
tggaaggggc	ccgaattcgt	cnnaacttgn	cccgggcggg	ccgttcaa		528

<210> 437
 <211> 576

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 437

actttttttt	ttttttttt	ttttttttt	aggtttgagg	gggaatgctg	ganattgtaa	60
tgggtatgga	gacatgtcat	ataagtaatg	ctagggtgag	tggtaggaag	ttttttcata	120
ggaggtgtat	gggttggtcg	tagcggaatc	gggggtatgc	tgttcgaatt	cataagaaca	180
gggaggttag	aantagggtc	ttggtgacaa	aatatgttgt	gtagagttca	gggganagtg	240
cgtcatangt	tgttcctagg	aanattgtac	nggtgagggg	tgttttattat	aataatgttn	300
gggtatccgg	ctntgaaana	atngggccaa	ngggcctgcg	gtgtattcga	ngttnaaacc	360
tgagactagt	tcggactccc	ntttgcaagg	ncccaaaggg	ggttnggttt	ggcccttgct	420
annngtgnga	naataaatcn	tntttattgg	cccaaggggt	cttaacngcn	aggagttaat	480
ccaaaggggt	ncntnggntt	ttnnnanaaa	nggttgnaaa	aaggttaaag	ggaccncct	540
ttntnnntaa	tgntcgnaat	gtcaaatnga	tngcnn			576

<210> 438
<211> 576
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 438

ggtaccccaa	ttaccagtat	ggtggaccct	accctttctt	ctctgcattg	ggaaacagaa	60
cagagaacag	aaaaaatcat	tccatcttgc	tcttaactct	ttccacctat	gtgctcagtt	120
tttcaagtag	aattttctatt	ccttttgctgg	tgcttttggg	tttttccaat	gtaggaatca	180
agcttttcag	tgcagctttg	actttgtttg	caacttccag	gtcacaactc	tgaggagggc	240
tagaaagaat	aatggcacct	cgattttacac	tagcccagga	cttcagggtc	ttcataccaa	300
catgctctac	aagtgttttt	gcaaaacaac	cttctcttcc	attntctttt	catcttttta	360
tcttgctcta	ttaaccactt	nagaaactaa	gaatgtccct	gcaaggatgt	tctggcaatg	420
ntgaaagctt	ctccgtcctt	ggccaccagg	atgcaagtcc	ntgggtnttg	ccagcttggc	480
cnatnggcat	tccatnggna	nggcttgaac	cgttttccag	ggggcagant	ccaaaaatgg	540
ccngacacca	accnacang	cagacttntt	ttagcn			576

<210> 439
<211> 578
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 439

cgaggtacgc	gggggagaaa	aaacctgcgg	aaaatggtag	cgatggcggc	tgggccgagt	60
gggtgtctgg	tgccggcgctt	tgggctacgg	ttgttgttgg	cgactgtgct	tcaagcggtg	120
tctgcttttg	gggcagagtt	ttcatcggag	gcatgcagag	agttaggctt	ttctagcaac	180
ttgcttttga	gctcttgtga	tcttctcgga	cagttcaacc	tgcttcagct	ggatcctgat	240
tgcagaggat	gctgtcagga	ggaagcacaa	tttgaaacca	aaaagctgta	tgcaggagct	300
attcttgaag	tttgnggatg	aaaattggga	aggttccctn	aagtccaanc	ttttgttang	360
agtgataaaa	cccaaactgt	tcagaaggac	tgccaaatna	aagtatgtnn	cgtgggttca	420
aacctgaat	taaaaggctt	ttngaccaac	atnggggnaca	attgcttgan	nacttgtcca	480
tttcttaaaa	ttgggaacnc	tggaccnggt	nanaaanatt	tengattgga	aaantttgga	540
ccncatttta	aatcttgctt	aaattttggc	caatcctt			578

<210> 440
 <211> 573
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (573)
 <223> n = A,T,C or G

<400> 440						
ggtacttttt	tttttttttg	agacagggtc	ttgccctgtc	acccaggctc	gagtgcactg	60
gagtgatcac	agctcactgg	cctcaagtga	tctctctgcc	ttggcccctt	aagtgccagg	120
gttacaggca	tgagctacca	tgcctggcag	aaattcaaga	tttggataaa	cttacttctt	180
tgccaagcct	gttcttcaag	ttattcagaa	ctgggtgtat	accttgtcct	catatgtatc	240
ttgtccctgc	tgtcttttag	gttagcaagg	tgtatgaata	cttttaagtt	ttgtttgttc	300
ttttcctcgt	ggtatcaagt	gaaatactga	tctattctct	ggctagggtc	aatttacaaa	360
attgccatgg	aactgagcca	aaaggcccca	cgtgggataa	aaattnctta	ccatcgacgc	420
ccanccgtan	tttttcaagg	tattggcttt	tgggaagntt	accaaatttc	nggtaaacca	480
aaattcnaaa	agnaaaaaat	tnccctggng	taaccttgcc	cgggcggccg	ttcaaaaggg	540
cnaattttcca	ncacattggg	cggccgttaa	tna			573

<210> 441
 <211> 572
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (572)
 <223> n = A,T,C or G

<400> 441						
ggtacaaaaat	tttattaaag	gtcttttagag	agcaacatcc	agactccaga	atacagctgc	60
caaggagacc	ctgttatgct	gtgggggactg	gctggggcat	ggcaggcggc	tctggcttcc	120
cacccttctg	ttctgagatg	ggggtgggtg	gcagtatctc	atctttgggt	tccacaatgc	180
tcacgtggtc	aggcaggggc	ttcttagggc	caatcttacc	agttgggtcc	cagggcagca	240
tgatcttcac	cttgatgccc	agcacacct	gtctgagcaa	cacgtggcgc	acagcagtgt	300
caacgtagta	gttaacaggg	gtctccgctt	gtggatcatc	aagccatcca	caaacttcat	360
ggatttagcc	ctctgncctt	cggaggttcc	cagacaccca	caanctngca	agcctttggc	420
cccacttttc	catgatgaaa	ctgnagncac	aaccatangc	aagggccctt	cggacannta	480
aggccttctt	aaggagnttg	naacncnana	naacttttgc	ttgggcantg	ggcacaccag	540

<210> 442
 <211> 562
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(562)
 <223> n = A,T,C or G

<400> 442

acaggtcaga	gtcttctttt	cttttctttt	tgagatggag	tcttgctctg	ttgccagact	60
ggagtgcagt	ggtgcgatct	gggctcactg	caatctccac	ctcccgggtt	caagcgattc	120
tcttgccctca	gcctcccgag	taactgggac	tacaggtgcg	cgccaccaag	cccagctcat	180
ttttgtattt	ttagtagaga	tggggtttca	cgatgttggc	taggatggtc	tcgatctctg	240
gtcagagtct	tttctgtaaa	tatccttggg	aaagaagcaa	ttttagactg	tagctgttgc	300
aaatgcttta	aggaagaagc	aaaacaactg	tcaagtcttc	ctgaaatgaa	gaaactncac	360
cagggctgct	atatcagaac	aaccncaacc	aagcacttca	aacatgatgc	cgacaggtgg	420
ccccagctta	aaaaaccagg	aanaagttcn	gantcccnaa	actgngaag	cctcttggac	480
ttttggaatt	aattgggggc	cagtagccaa	gttatnagac	caaatcangg	cntagggccc	540
cgtattattt	ggcgggggatt	tg				562

<210> 443
 <211> 585
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(585)
 <223> n = A,T,C or G

<400> 443

actttttattt	tttggtggtg	aaattgactg	atgattttcc	tttttcttcg	ctggactatt	60
gtgccaactg	ccaggetgcc	tcttgccctt	acagccctaa	gtggctgcct	tctttccatc	120
aactcccaac	ttcttcctgt	gaagtttaat	tgtctcaacg	cctccccctc	ccccattccc	180
tccattttttc	tcccaagaaa	cctgactcaa	ttatttgcac	attttgagaa	actgctgcag	240
attagttctt	tttgccagtt	ttccctggaa	ctcctggcct	tttgtggagg	ggaggggatgg	300
agagaatagg	aatcttcact	agaagccgtg	ggaagaattg	gaagttacat	gctgtatatg	360
caatgtccag	cagtctgata	aactgacgat	tcttaatcaa	gattttttcc	tgatggggaa	420
gggactttta	ttttctttta	nagaggggaa	agtgtgagct	cttccttat	tcctaattggc	480
tatttttgaa	gcaaanaagg	ccacaacatt	ngcacatgcc	acctgcnaag	gaccttgagt	540
nagtgaagnc	tcctaaaact	gggttaanaa	ccttggtttc	tctnn		585

<210> 444
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(437)
 <223> n = A,T,C or G

<400> 444

acgcgggggac	gtgactcage	actttcccca	gagcccggac	tgcggagAAC	aatatcctcc	60
tccctaacag	ataaacagcc	cttgttcctc	gggataagga	ctggcagtc	cctgacaccc	120
taagaccggc	atctgtcgat	gttatttccc	cagcatggcc	gaaacagaag	ccctgtcgaa	180
gcttcgggaa	gacttcagga	tgcagaataa	atccgtcttt	attttgggag	ccagcggaga	240
aaccggcaga	gtgctcttaa	aggaaatcct	ggagcagggc	ctgttttcca	aagtcacgct	300
cattggccgg	aggaagctca	ccttcgacga	ggaagcttat	aaaaatgtga	atcaagaagt	360
ggtggacttt	gaaaagttag	atgactacgc	ctctgccttt	caaggtcatt	atgttggaat	420
ctgtgcctgg	gtacctn					437

<210> 445

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 445

actttttttt	tttttttttt	tttttttttt	taaggtttga	gggggaatgc	tggagattgt	60
aatgggtatg	gagacatatc	atataagtaa	tgctagggtg	agtggtagga	agttttttca	120
taggagggtg	atganttgnn	cgtagcggaa	tccgggggat	gctgttcgaa	ttcataagaa	180
cagggagggt	aaaagtaggg	tcttggtgac	aaaatatgtt	gtgtanagtt	caggggaaag	240
tgcgtcatat	gttgttccta	ggaanattgt	antgggtagg	gtgttaatta	taataatgtt	300
tgtgtattcg	gctatnaana	atagggccaa	atgggcctgc	ngcctattcn	atgtttaanc	360
tgagacttnt	tccgactccc	cttcggcaan	gtcnaantgg	ggttcgggtg	ngcnctgcag	420
tgnngagata	nntcntntta	ntggccaatg	gtnnngatgg	ccagaataat	cannanggnt	480
tcnttnntcn	tnaaaaggtc	naaatggtnn	angganaccn	cttattagga	attgttaatc	540
ttnaatgatn	gttntggnga	cnctatatgg	anaatgtnag	gnctactccn	ng	592

<210> 446

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(599)

<223> n = A,T,C or G

<400> 446

ggtacggcaa	acacaacgga	cctgagcact	ggcataagga	cttccccatt	gccaagggag	60
agcgccagtc	ccctgttgac	atcgacactc	atacagccaa	gtatgaccct	tccctgaagc	120
ccctgtctgt	ttcctatgat	caagcaactt	ccctgaggat	cctcaacaat	ggtcatgctt	180
tcaacgtgga	gtttgatgac	tctcaggaca	aagcagtgct	caagggagga	cccctggatg	240
gcacttacag	attgattcag	tttcactttc	actgggggtc	acttgatgga	caaggttcat	300
agcatactgt	ggataaaaag	aaatatgctg	cagaacttca	cttggttcac	tggaaacacca	360
aatatgggga	ttttgggaaa	gctgtgcagc	aacctgatgg	actggccggt	ctaggtatct	420

tttttgaagg	ttggcagcgc	taaaccnggc	cttnataaag	ttgttgaatg	tgctggattc	480
cattaaaaca	aagggcaaga	attgctgact	ttcactaatt	nnaatcctcg	tnggccttct	540
tectgaaatc	cttggattac	cggacctncc	cagcttactn	accanccctc	tcttttngg	599

<210> 447
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 447						
ggtacgcggg	atgagtgtgg	aatccagaac	aaattaagtg	ttgaccacag	cgacccagtc	60
atcctgaatg	tcctctatgg	cccagacgac	cccaccattt	ccccctcata	cacctattac	120
cgtccagggg	tgaacctcag	cctctcctgc	catgcagcct	ctaaccacc	tgacacagtat	180
tcttggtgta	ttgatgggaa	catccagcaa	cacacacaag	agctctttat	ctccaacatc	240
actgagaaga	acagcggact	ctatacctgc	caggccaata	actcagccag	tggtccacagc	300
aggactacag	tcaagacaat	cacagtctct	gcggagctgc	caagccctcc	atctccagca	360
acaactccaa	acccgtggag	gacaaggatg	ctgtggcctt	ccctgtgaac	ctgaggctca	420
gaacacaaac	tacctgtggt	gggtaaatgg	tcagagcctc	cagcagtccc	aaggctggag	480
ctgtccaatg	gcaacangga	cctnactcta	ttcaatgtca	caagaaatga	cncaagaacc	540
tatgnatgtg	gaatccagaa	ctnagtgtatg	caaaccgaat	gaccagnn		588

<210> 448
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 448						
accatttgtc	tgacctctgt	aaaaaatgtg	atcctacaga	agtggagctg	gataatcaga	60
tagttactgc	tacccagagc	aatatctgtg	atgaagacag	tgctacagag	acctgctaca	120
cttatgacag	aaacaagtgc	tacacagctg	tggtcccact	cgtatatggg	ggtgagacca	180
aatgggtgga	aacagcctta	accccagatg	cctgctatcc	tgactaattt	aagtcattgc	240
tgactgcata	gctctttttc	ttgagaggct	ctccattttg	attcanaaag	ttagcatatt	300
tattaccaat	gaatttgaaa	ccagggtctt	tttttttttt	ttgggtgatg	taaaacncaa	360
ctncctgnca	ncaaaataat	taaaatagnc	acattgntat	cttttattag	gtaattcact	420
tcttaattan	atggntcaat	actctaagna	tcaaaatntt	ccaattatna	tggtcacct	480
gaaagaagna	tgctctttta	aggaatacag	cttcttctnat	tnacaattta	acanggggag	540
aaaattaaan	tnaangantt	ganatctgga	ggngtannaa	ngntctcgcn	ttc	593

<210> 449
 <211> 577
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 449

actgtgggtc	gaagtaatgg	atacggacgt	aaccatcttc	gccgccgctg	ctgtagctct	60
tgccatcagg	atggaaggca	acactgttga	taggtccaaa	gtgacccttg	actcttccaa	120
actcttcttc	aaaggccaaa	tggaagaacc	tggcctcaaa	cttgccaatc	ctgggtggagg	180
ttgtgggttac	atccatggct	tcctgaccac	cgcccaggac	cacatgggtca	tagttggggg	240
agagggcagc	tgagttgaca	ggacgttctg	tccggaaagt	cttctgatgt	tcaagagttg	300
tggagtcaaa	aagcttggct	gtgttgctct	tggacncggc	acaaacatgg	tcatgtccct	360
ggataactgg	atgtcggtga	tctgccggga	gtgctcctta	acattcacca	acacctcttc	420
anacttggca	ctatactggg	tgactctcca	ctcttatggc	cnggatgatg	cactccccca	480
aggggtacca	aacagnactg	gtgatttaga	atcattgcan	ggatcttatg	tagggctcat	540
tgntgcaatc	tggcttggat	cgcagtcaa	aaaagnt			577

<210> 450
 <211> 575
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 450

ggtacttgtg	atcacactac	gggaatctct	gtggtatata	cctggggcca	ttctaggctc	60
tttcaagtga	cttttggaaa	tcaacctttt	ttatttgggg	gggaggatgg	ggaaaagagc	120
tgagagttaa	tgctgaaatg	gatttataga	atatttgtaa	atctattttt	agtgtttgtt	180
cgttttttta	actgttcatt	cctttgtgca	gagtgtatat	ctctgcctgg	gcaagagtgt	240
ggaggtgccg	aggtgtcttc	attctctcgc	acatttccac	agcacctgct	aagtttgtat	300
ttaatggttt	ttgtttttgt	ttttgtttgt	ttcttgaaaa	tgagagaaga	gccggagaga	360
tgatttttat	taattntnt	tttttttttt	tactatttat	agcttttaaa	agggcctncc	420
ttccccctct	ctttcttttg	netctttcat	taacccttcc	ccagtttttt	tttaacttaa	480
ccccgttctc	atggcctnng	ccttttgaag	cgnttctctt	tataaaaagc	tttgccgaac	540
aanttttttt	taccgatccc	aaatttatga	agggg			575

<210> 451
 <211> 573
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 451

actaggctaa	ctagaaggat	ctcatcccca	tatgtggtct	catttcaagt	ctatggatga	60
ctaccttcat	tgctgtgtgc	gagatgggtt	cacccttga	aaatatgggc	acttcagcat	120
aaaatagtta	aatctttata	atgatcaatt	cattcctac	ccttttacat	gcagctgaaa	180

aatgacaggc	tagggacata	gaatattgtg	aacttttatac	tgttagaatc	actgtccatt	240
aaatgatcac	tagctaattg	tcactaaatt	tacaaattaa	ggaaattata	tatagaatac	300
tgcaaaaaca	cagtaaaaag	actgaagttc	gcccatttct	gctcaggaag	tctcttcact	360
cctaagcttc	atatgttgcc	ttctggcttc	aaaatttctgc	tattattact	gttttccctcc	420
tttgatcttc	cttttggtccc	cagtgccaga	cttccaagcc	ttttngttaa	aaagccatct	480
tttgatgcc	atttctnaaca	gcttcagtga	tgcctctgaa	aaaaggatct	gccgggctaan	540
atttctcngg	ttcgtgcttt	ctaccgganc	tcc			573

<210> 452
 <211> 595
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 452						
acaattttat	ccctaaaact	ctgttgacat	caaaatatga	cagttgctat	atccataaaa	60
tatttacata	gcacggcata	ttaagcttta	gacacttggc	aattaaacca	cataaaaaga	120
ggacaagacc	cccatacctac	atgtttggaa	tcagggtgtc	accgggtccct	atctggcgac	180
tgtacgcggg	tgggggtcctt	acttgtattc	tgttatcagc	tgattttgaa	acataataa	240
atgattttct	tgttcccttc	tttaactagc	tgcctttaga	ttttgataat	cacagtctta	300
aaatactagg	aaagaagtgg	atgggaattg	taggcataga	tttcatatca	agggcatttc	360
aagacagaat	ttttaattcc	tgtagtaggc	ttgctggagc	naaaggaaaa	tgtgctgggt	420
aaaaatcaac	ttatgccatt	ttaaaatttg	ataaaaattg	gagtggcatn	ctgctaaggg	480
gagaccttgg	gccggacccc	cttangggca	aattccngca	cactgggggg	cggtactang	540
gggatccgac	ntcgggnccan	acttggcgna	tcatgggctt	antgttcctt	gnggn	595

<210> 453
 <211> 380
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 453						
ggtacgcggg	gagccgcctg	gataccgcag	ctaggaataa	tggaatagga	ccgcgggttct	60
attttgttgg	ttttcggaac	tgaggccatg	attaagaggg	acggccgggg	gcatttcgtat	120
tgcgccgcta	gaggtgaaat	tcttggaccg	gcgcaagacg	gaccagagcg	aaagcatttg	180
ccaagaatgt	tttcattaat	caagaacgaa	agtcggaggt	tcgaagacga	tcagataccg	240
tcgtagttcc	gaccataaac	gatgccgacc	ggcgatgcgg	cggcgttatt	cccatgaccc	300
gccgggcagc	ttccgggaaa	ccaaagtctt	tgggttcceg	ggggagtatg	gttgcaaaaa	360
aaaaaannaa	aaaaaaaaagt					380

<210> 454
 <211> 589
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

```

```

<400> 454
ggtactcttg gtttatcaat gggacgttcc agcaatccac acaagagctc tttatcccca      60
acatcactgt gaataatagc ggatcctata tgtgccaaagc ccataactca gccactggcc      120
tcaataggac cacagtcacg atgatcacag tctctggaag tgctcctgtc ctctcagctg      180
tggtccaccgt cggcatcacg attggagtgc tggccagggt ggctctgata tagcagccct      240
ggtgtatttt cgatatttca ggaagactgg cagattggac cagaccctga attcttctag      300
ctcctccaat cccattttat cccatggaac cactaaaaaac aagggtctgt ctgctcctga      360
agccctatat gctggagatg gacaactcaa tgaaaattta aagggaacac cctcaggcct      420
gangtgtgtg ccactcagag acttcaccta actagagaca gtcaaactgc aaccatgggt      480
gagaaattga cgacttcaca ctatggacag cttttnccaa gatgtcaaac aagactcctc      540
atcatgataa ggntcttacc cctttaattg nccttggttat gcctgcctc      589

```

```

<210> 455
<211> 589
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

```

```

<400> 455
ggtacgcgga agagacaggg tttcaccatg ttgccagggc tggtttcgaa ctctgacct      60
cagggtgatcc accgcctcg gcctcccaaa gtgctgggat tacaggcttg agccccgcg      120
cccagccatc aaaatgcttt ttatttctgc atatgttgaa tactttttac aattcaaaaa      180
aatgatctgt tttgaaggca aaattgcaaa tcttgaaatt aagaaggcaa aaatgtaaag      240
gagtcaaaac tataaatcaa gtatttgga agtgaagact ggaagctaatt ttgcattaaa      300
ttcacaact tttatactct ttctgtatat acattttttt tctttaaaaa acaactatgg      360
atcagaatag ccacatttag aacacttttt gttatcaagt caatattttt agatagttag      420
aacctgggtc taagcctaaa agtgggcttg attctgcagt aaatcnttta caactgcctc      480
gacacacatt aaccttttta aaaatngacc ttcccgaagt cttttggtag catggnacac      540
ctgatgctta natgttcang taattaatat ggnccagnag tnttgttnc      589

```

```

<210> 456
<211> 582
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

```

```

<400> 456
acagaatgtt gatacaaagc ttaaaattct tgcatatggt catagaaaat gcatcttttg      60
ttttgtgttt ttatcacttg cttccaactt aggcttttgg ctcagaagat tattgaataa      120

```

tgatttgtct	tagtttctgt	ttcagtaagg	gaattctgag	gccgttgcta	tgataccatc	180
attaagacat	tcacatgtct	tcatataata	tctcttcatt	tcaaataccta	atcactatct	240
catactatta	cagggctttg	atgctgccag	cactgtcttt	tacataggaa	attctagatt	300
tgcacagtaa	tagaggaatt	agaagtacct	aactatacac	tttgattcag	cctgctaaat	360
caggggttca	atactagctt	ggacaaactt	tgtaagtaat	taattgctac	cagccttatt	420
ggaaacaaat	tatcaactag	tttcccctgc	caaattttga	aattcactgn	ttcacttaat	480
ctattatatt	actaataatg	gattaataaa	gatgaattaa	ttattattac	ttactagtnt	540
aaatgaaaaa	cagggaactga	aatagtctgn	atccgngttg	ca		582

<210> 457
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 457						
ggtagctttt	ttttttttt	tttttggagt	tttttagttta	ttaatgttct	tgcgaaaaat	60
ccacagtggc	cacagctaac	atcattgcag	cacctttact	ccttcggctg	tgatccaatc	120
tccagctcac	ttctttttgc	cagcaccac	attggccttt	gcagtcccc	tgactttctt	180
cattctgttc	ttgcgttcct	ttcgttgctt	tcttgaggtc	tttttcttct	catacaggcc	240
atgtcttgca	agtctatgtt	tgggttcatt	tttctttgca	taatccaggg	aatcataaat	300
catgccaaag	ccagttgtct	tgccaccacc	aaaatgagtt	ctgaatccaa	atacaaagat	360
gacatccggt	gtggtcttgt					380

<210> 458
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 458						
acgcgggggag	aacagccacc	cctctctcgg	gcactgctgc	catgaatgcc	ttcctgctct	60
ccgcactgtg	cctccttggg	gcctgggccc	ccttggcagg	aggggtcacc	gtgcaggatg	120
gaaattttctc	cttttctctg	gagtcagtga	agaagctcaa	agacctccag	gagccccagg	180
agcccagggt	tgggaaactc	aggaactttg	cacccatccc	tggtgaacct	gtggttccca	240
tcctctgtag	caaccggaac	tttccagaag	aactcaagcc	tctctgcaag	gagcccaatg	300
cccaggagat	acttcagagg	ctggaggaaa	tcgctgagga	cccgggcaca	tgtgaaatct	360
gtgcctacgc	tgctgtacc	tn				382

<210> 459
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 459

ggtactgagg	aaatattttg	taaagtgagc	tttgggtata	acttagcccc	atcattat	60
agagaataga	ggaggaagaa	agaggaagga	ttttaaaaggc	agacaatgac	agaccattca	120
ggataggtag	ggtttttaaag	ggagataaac	acagtctcat	caactaagga	gagatttgct	180
gcagtaaata	ggatgagggga	aatagtctgt	gggatgcaag	caaaggaagc	agggtgcctt	240
agacactgag	tggagccaga	aagatcatgc	ggcctttttc	caagtacatg	gccaccaagt	300
aagaatggtt	ggtgacaaga	cagaaggcta	aaacaggaag	gtaatcttgt	gcacctgaca	360
aatngaaaga	attaaggatc	aaaattgaag	caggctntaa	gagtttcaag	aaattcttaa	420
aacccaaaag	tgatttgga	gccccaaact	ttccggtaat	gctncccatg	gcatgatggg	480
ccaaaacctt	gggggttcct	aagttnnaaa	agccctntnc	caaattttta	tggacccctt	540
acattttttc	taatcaatcc	cccctttcca	aaaaaatngg	acctcntttt	tt	592

<210> 460
 <211> 578
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 460						
acgcgggcac	tatcctgaat	tatgtgcctg	tctagataag	cagagaccat	gccaaagcta	60
taatggaaaa	caagtttaca	aagagacctg	tatttctttc	ataaaagact	tcttggcaaa	120
aaatttgatt	atagttattg	gaatagcatt	tggactggca	gttattgaga	tactgggttt	180
ggtgttttct	atggtcctgt	attgccagat	cgggaacaaa	tgaatctgtg	gatgcatcaa	240
gctatcgta	gtcaaacccc	tttaaaatgt	tgttttggct	ttgtaaat	aaatatgtaa	300
gtgctatata	agtcaggagc	agctgtcttt	ttaaaatgtc	tggctagct	agaccacaga	360
tatcttctag	acatatgaa	cacatttaag	atgtgagggg	tataagggaa	aatgatatga	420
atgtgtat	ttactcaaaa	taaaagtaac	tgttacgttg	cgaaaaaaan	nnnnnnnnnn	480
naaaaaaaag	tnccttgggc	cgggaccacg	ctagggcaaa	tccagcacac	tggcggccgt	540
actagggatc	cactnggacc	agctggcgna	atatggnn			578

<210> 461
 <211> 425
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 461						
acgcggggct	ttctgggtctc	ggccgcagaa	gcgagatgac	gaagggaacg	tcatcgtttg	60
gaaagcgteg	caataagacg	cacacgttgt	gccgccgctg	tggctctaag	gcctaccacc	120
ttcagaagtc	gacctgtggc	aaatgtggct	accctgccaa	gcgcaagaga	aagtataact	180
ggagtgccaa	ggctaaaaga	cgaaatacca	ccggaactgg	tcgaatgagg	cacctaaaaa	240
ttgtataccg	cagattcagg	catggattcc	gtgaaggaac	aacacctaaa	ccaagagggg	300
cagctgttgc	agcatccagt	tcattcttaag	aatgtcaacg	attagtcatg	caataaatgt	360
tctgggttta	aaaaatnnan	nnnaannntn	ntnnaaanaa	aaaaagtnct	nggccgngac	420
cacgc						425

<210> 462
 <211> 581
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 462
 ggtactattg acccagcgat ggggggcttcg acatgggctt tagggagtc taagtggagt 60
 ccgtaaagag gtatctttac tataaaagct attgtgtaag ctagtcatat taagttgttg 120
 gctcaggagt ttgatagttc ttgggcagtg agagtgagta gtagaatgtt tagtgagcct 180
 aggggtgttg gagtgtaaat tagtgcgatg agtaggggaa gggagcctac taggggtgtg 240
 aataggaagt atgtgcctgc gttcaggcgt tctggctggt tgcctcatcg ggtgatgata 300
 gccaaagggtg ggataagtgt ggtttcgaag aagatataaa atatgattag ttctgtggct 360
 gtgaatgtta taattaagga gatttgtgta ggagattagt atanagaggt anagtttttt 420
 tctgtatagt ggntcactgg ataantggcc gttggctttg ccatgattgt gaggggtagg 480
 agtcaagtag ttagtattan ganggggggt nttaggggtc cnaggaaang ttggggaana 540
 ctaaannggt gtngtnattn gtaaaaaata nnnnanggat n 581

<210> 463
 <211> 574
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 463
 actgtgtggc gccttattct aggcacttgt tgggcagaat gtcacacctg ccgatgaaac 60
 tcctgcgtaa gaagatcgag aagcgggaacc tcaaattgcg gcagcgggaac ctaaagtttc 120
 aggggggcctc aaatctgacc ctatcggaaa ctcaaaatgg agatgtatct gaagaaacaa 180
 tggaagtag aaagggttaa aaatcaaaac aaaagcccat gaatgtgggc ttatcagaaa 240
 ctcaaaatgg aggcattgtc caagaagcag tgggaaatat aaaagttaca aagtctcccc 300
 agaaatccac tgtattaagc aatggagaag cagcaatgca gtcttccaat tcagaaccaa 360
 aaaaaaaaaa naaaaaaaag tacttttttt ttttnnnnt ttttttttt taggtaatgg 420
 gtgttgagct tgaacgcttt cttaattggn ggctgctttt angcctctat ggggtgttaa 480
 ttttttactc tcttacaagg tttttcctaa gtccaaanac tgtccttttg gctacagtta 540
 aatttccagg ggattaaagg gttttgggcn aatt 574

<210> 464
 <211> 580
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

<400> 464

ggtacctagt	aagctctccc	tcctcccacc	ctccaccctc	aaggaggccc	cagtgtcagt	60
tgttcccctc	tgggtccatg	agttcttata	athtagctcc	cacttataag	caagaacatg	120
cagtatttgg	ttttctgttc	ctgccttagt	ttgctaagga	taacggcctc	cagctccatc	180
cagttcctgc	aaaggacatg	atcctgttct	ttctatggct	gtatagtatt	ccatgggtga	240
tatttaccac	attgtcttta	tccagtctgt	cattgatggg	cttttgggtt	gattagtagc	300
tttttgaatg	gtaacttttc	tacagaagta	cgcggggcct	ttttttttgc	tgtaggcccg	360
ggtgggttgc	gccgaaatgg	gcangttcat	gaaacctggg	aagggtggtgc	ttgtcctgct	420
ggacgctact	nccgacgcaa	agctgtcatc	gtgaaagaac	attgatgatg	gcaccttana	480
cgccttacag	ccatgctctg	gtggctggaa	ttgaccgcta	cncgccgaaag	tgacagctgn	540
catgggcaag	aagaagatcg	ccagagatca	aagataaaan			580

<210> 465

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 465

ggtacttttt	tttttttttt	tttttttttt	ttctacatca	ctttanaata	tttattgtat	60
tccttaatgc	atttcttaac	atgtatagca	ctctttaatc	aagaatataa	agtcactctac	120
ttagaatcac	attatcttaa	agatgcatac	tggaaatgata	agtttgaaga	tgttaactatc	180
aacaattctt	ttcaaaatca	tatcaatata	ttactctcat	ggaacttgca	cattctaaga	240
agggtcattt	ttcccccca	gtaccaatat	tacattattt	gacagggata	ataaaatgag	300
cagagactgg	aaatcacaga	caataacatt	gctttctcaa	ttaacagaaa	ggattcataa	360
catattcctt	aacggtagat	gtgatttgta	gagaatgtgg	aaaagaacta	ttgagaagtc	420
cacctgctgc	ccaaactgag	gcacattagg	gtggttgtgg	gangagttat	atttgagggt	480
ccatttttcc	ttagggttta	aaagcatgtc	cngggttgng	gtnatttgcc	attaagtctn	540
ttttcaaata	aaagaattag	gggagaaaag	ttggaaaaa			578

<210> 466

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(546)

<223> n = A,T,C or G

<400> 466

accaatacca	ccaattttgt	agacatcctg	gagaggcagg	cgcaagggct	tgtcagttgg	60
acgagttggt	ggtaggatgc	agtccagagc	ctcaagcagc	gtgggtccac	tggcattggc	120
atccttacgg	gtgactttcc	atcccttgaa	ccaaggcatg	ttagcacttg	gtccagcat	180
gttgtcacca	ttccaaccag	aaattggcac	aaatgctact	gtgtcggggg	tgtageccat	240
tttcttaaat	taagtgtctga	cttccttaac	aatttctctca	tatctcttct	ggctgtaggg	300
tggctcagtg	gaatccattt	tgttaacacc	gacaattagt	tgtttcacac	ccagtgtgta	360
agccagaang	gcatgctctc	gggtctgccc	attcttggag	ataccagctt	caaattcacc	420

aacaccagca gcaacaatca ggacagnaca gtcgggntga gatgtccctg taatcatgtt	480
ttgataaaag tctctgtgtc ctggggcatc aatgatagtc acatagtacc tcggccgcga	540
ncacgc	546

```

<210> 467
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

```

<400> 467	
acctaaaacc cgaagaacct tctgtaagaa gtgtggcaag catcagcctc acaaagtgac	60
acagtataag aagggcaagg attctttgtg tgcccaggga aggaggcgct atgatcggaa	120
gcagagtggc tatggtgggc agacaaagcc aattttccgg aagaaggcta agaccacaaa	180
gaagattgtg ctaaggctgg aatgtgttga gcctaactgc agatccaaga ggatgctggc	240
tattaagaga tgcaagcatt ttgaactggg aggagataag aagagaaaagg gccaagtgat	300
ccagttctaa actttgggat atttttcttc aattttgaag agaaaatggg gaaccataga	360
aaagttaccc gagggaaaat aaatacagtg atattccaaa aaaaaaann nnnnnaaaaa	420
aaagtncttg gccgggaccc cctaa	445

```

<210> 468
<211> 566
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

```

<400> 468	
actgtgtggc gccttattct aggcacttgt tgggcagaat gtcacacctg cccatgaaac	60
tcttgcgtaa gaagatcgag aagcggaacc tcaaatgtcg gcagcggaac cttaaagtttc	120
agggggcctc aaatctgacc ctatcggaac ctcaaaatgg agatgtatct gaagaaacaa	180
tggaagtag aaaggttaaa aaatcaaaac aaaagcccat gaatgtgggc ttatcagaaa	240
ctcaaaatgg aggcattgtc caagaagcag tgggaaatat aaaagttaca aagtctcccc	300
agaaatccac tgtattaagc aatggagaag cagcaatgca gtcttccaat tcagaaccaa	360
aaaaaaaaaa nnaaaaaaag tacttttttt tntnnnnnnn ttttttttag gaatgggtgt	420
tgaacttgac ctttcttaat gggggctggg tttaggctat atggngtaaa tttttctctt	480
ttacaagggt tttcctagn ncaaaaactg tcctttggac taccgtaaat tacaggggtt	540
taaaggttnt ggggcaatta aanttn	566

```

<210> 469
<211> 586
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (1)...(586)
 <223> n = A,T,C or G

<400> 469

acgcgggata	ggtttggtcc	tagcctttct	attagctctt	agtaagatta	cacatgcaag	60
catccccgtt	ccagtgaagt	caccctctaa	atcaccacga	tcaaaaggga	caagcatcaa	120
gcacgcagca	atgcagctca	aaacgcttag	cctagccaca	ccccacggg	aaacagcagt	180
gattaacctt	tagcaataaa	cgaaagttaa	actaagctat	actaacccca	gggttggtca	240
atttcgtgcc	agccaccgag	gtcacacgat	taaccacaag	caatagaagc	cggcgtaaag	300
agtgttttag	atcacccctt	cccccaataa	gctaaaactc	acctgagttg	taaaaaactc	360
cagttgacac	aaaatagact	acgaaagtgg	ctttaacata	tctgaacaca	caatagctaa	420
gacccaaact	gggattagat	accccaactat	gcttagccct	aaacctnaca	gttaaatcaa	480
caaaactgct	cgccagacac	tcgagccaca	gcttaaaact	caaggacctg	cgggcttcat	540
atccctctag	angacctgtc	tgtaatcgat	aaccccgatc	aacctn		586

<210> 470

<211> 487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(487)

<223> n = A,T,C or G

<400> 470

acggccaggg	ctattgggtg	aatgagtagg	ctgatgggtt	cgataataac	tagtatgggg	60
ataaggggtg	taggtgtgcc	ttgtggtaag	aagtgggcta	gggcattttt	aatcttagag	120
cgaaagccta	taatcactgc	gcccgcctcat	aaggggatgg	ccatggctag	gtttatagat	180
agttgggtgg	ttggtgtaaa	tgagtgaggc	aggagtccga	ggaggttagt	tgtggcaata	240
aaaatgatta	aggatactag	tataagagat	cagggttcgtc	ctttagtgtt	gtgtatgggt	300
atcattttgt	ttgaggttag	tttgattagt	cattgtttggg	tgggtgattaa	tcngttgntg	360
atgaaatatt	tggaggtggg	gatcaatana	gggggaaata	gaatgatcag	tacctgccc	420
gcgaccacgc	taagggccaa	tccacacact	ggcggnccga	ctaattggatc	ccaactcgga	480
ccagctt						487

<210> 471

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(488)

<223> n = A,T,C or G

<400> 471

actgcggcgg	gtaggcctag	gattgtgggg	gcaatgaatg	aagcgaacag	attttcgttc	60
attttggttc	tcagggtttg	ttataatttt	ttatttttat	gggcttttgt	gagggaggta	120
ggtggtagtt	tgtgtttaat	attttttagtt	gggtgatgag	gaatagtgtg	aggagtatgg	180
gggtaattat	ggtgggccat	acggtagtat	ttagttgggg	cattccccgc	tacctatttg	240
tattttttgt	agagacaggg	ttttgccatg	ttggccagga	tggctctgaa	ctactgacct	300
cagggtgatcc	tcacgccttt	atctcccaaa	gtgctgcgat	tacaggcatg	aggcaccact	360

cctggccaca	ttcttatatt	taaaaaaaaa	gcacaactct	attgtctact	ggtgttcttt	420
tacctgaagt	tcaaactcta	gctcttcaaa	aaaaaaaaaa	aaaaaaagta	cctnggccgc	480
naccacnc						488

<210> 472
 <211> 586
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 472						
ggtacttgat	gccctccaag	caattaaaac	caagggcaaa	cgagccccc	tcacaaattt	60
tgacccctct	actctccttc	cttcatccct	ggatttctgg	acctaccctg	gctctctgac	120
tcacccctct	ctttatgaga	gtgtaacttg	gatcatctgt	aaggagagca	tcagtgtcag	180
ctcagagcag	ctggcacaat	tcagcagcct	tctatcaaat	gttgaagggtg	ataacgctgt	240
ccccatgcag	cacaacaacc	gccaaccca	acctctgaag	ggcagaacag	tgagagcttc	300
atthttgatga	ttctgagaag	aaacttggtc	ttcctcaaga	acacagccct	gcttctgaca	360
taatccagta	aaataataat	ttttaagaaa	taaattttatt	tcaatattag	caaagacagc	420
atgccttcaa	atcaatctgt	aaaactaaga	aacttaaatt	ttagttctta	ctgcttaatc	480
aaataataat	tagtaagcta	gcaaatagta	atctgtaagc	ataagcttat	gcttaaatca	540
gtttagtttg	aggaatcttt	aaaattacca	ctaantgatt	gnatgg		586

<210> 473
 <211> 575
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 473						
ggtacaaagg	ggaaaggggtg	catgccaaact	atcgaattat	aggatatgta	aaaaatataa	60
gtcaagaaaa	tgccccaggg	cccgcacaca	acggctcgaga	gacaatatac	cccaatggaa	120
ccctgctgat	ccagaacgtc	accacaaatg	acgcaggaat	ctatacccta	cacgttataa	180
aagaaaatct	tgtgaatgaa	gaagtaacca	gacaattcta	cgtattctcg	gagccacca	240
agccctccat	caccagcaac	aacttcaatc	cggtggagaa	caaagatatt	gtggttttta	300
cctgtcaacc	tgagactcag	aacacaacct	acctgtgggtg	ggtaaacaat	cagagcctcc	360
tggtcagtc	caggctgctg	ctctccactg	acaacaggac	cctcgttcta	ctcacgcca	420
aagaatgaca	taggacccta	tgaatgtgaa	atacagaacc	cagtgggtgc	cacccgcant	480
gcccantcac	cctgaatgtc	cgtatgagtc	aatcctgccc	gcggccggtc	naanggcgaa	540
ttccacacac	tggcggccgt	ctaattggatc	cactc			575

<210> 474
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 474

ggtacgtggg	ggactcaact	gaaatcatgg	cgtttgacag	cacttggaag	gtagaccgga	60
gtgaaaacta	tgacaagttc	atggaaaaaa	tgggtgttaa	tatagtgaaa	aggaagcttg	120
cagctcatga	caatttgaag	ctgacaatta	cacaagaagg	aaataaattc	acagtcaaag	180
aatcaagcgc	ttttcgaaac	attgaagttg	tttttgaact	tgggtgtcacc	tttaattaca	240
acctagcaga	cggaactgaa	ctcaggggga	cctggagcct	tgagggaat	aaacttattg	300
gaaaattcaa	acggacagac	aatggaaacg	aactgaatac	tgtccgagaa	attatagggtg	360
atgaactagt	ccagacttat	gtgtatgaag	gagtagaagc	caaaaggatc	tttaaaaagg	420
attgaccatt	attcttggcg	cacagtccaa	aatncaaatt	ggccagaaga	tctatattgn	480
acctgccccg	gcgggccgttc	gaaaggccaa	ttcca			515

<210> 475

<211> 580

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(580)

<223> n = A,T,C or G

<400> 475

acaaagatct	gacatgtcac	ccagggaccc	atttcaccca	ctgctctggt	tggccgccag	60
tcttttgtct	ctctcttcag	caatgggtgag	gcggataccc	tttcctcggg	gaagagaaat	120
ccatgggttg	ttgcccttgc	caataacaaa	aatggttgaa	agtcgagtg	caaagctggt	180
gccattggca	tctttcacgt	gaaccacgtc	aaaagatcca	gggtgcctct	ctctgttggt	240
gatcacacca	attcttccta	ggtagcacc	tccagtcacc	atacacaggt	taccagtgtc	300
gaacttgatg	aaatcagtaa	tcttgccagt	ctctaaatca	atctgaatgg	tatcattcac	360
cttgatgagg	ggatcggggt	agcggatggt	gcgggcatca	tgagtcacca	gatgagggat	420
tcttttgtg	ccccaaagat	ctttctnact	ttgacaactt	gaccttggnc	gcgaccaccc	480
taaggcgaat	tcaccactg	gcgggcgtct	aatggatccn	netcggncca	acctggntat	540
atgggentaan	tnntccnggn	naaatntntc	ccncaatcc			580

<210> 476

<211> 593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 476

ggtactatgt	gggacagtat	tttgcaaata	caagaagagc	tcagggcagc	tgtggagctg	60
gatgggtctgc	ctggcaggcc	tctgtgcagt	ctgcctgctc	atcctgtccc	ctttttgggg	120
cttgatcctc	ttctcgggtg	catgcttctc	catgtatact	tacttatctg	gccaagaatt	180
gttacctgtg	gatcagaagg	cagtcctggt	gacagggtgtg	attgcgggct	tggccatgct	240

ttgtgcaagt	atctggatga	gctgggcttc	acggatatttg	cggagtttt	gaatgaaaat	300
ggcccaggag	ctgaggaatt	gcgaagaacc	tgtctctccg	gcctctcggg	gctccaaatg	360
gacatcacga	accagtgcag	ataaaagatg	cttacagcaa	ggttgcaaca	atgctgcagg	420
acaaaagact	gtgggctgtg	atcaacaatg	ctnggggtgct	tggcttttcc	actgatgggg	480
agcttnttnt	tatgatgact	acnaacaatc	ntggccgnga	acttttttga	actgngaggg	540
acaaaacgtt	tttctttttt	taaaaaancc	aagggnggtg	gnnaattncn	nnt	593

<210> 477
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 477

actacaaggt	ttagcatttg	ctctgctggt	cgacattccc	ccagtctatg	ggttgtatgc	60
atcctttttc	ccagccataa	tctacctttt	cttcggcact	tccagacaca	tatccgtggg	120
tccgtttccg	attctgagta	tgatgggtggg	actagcagtt	tcaggagcag	tttcaaaagc	180
agtcccagat	cgcaatgcaa	ctactttggg	attgcctaac	aactcgaata	attcttcact	240
actggatgac	gagaggggtga	gggtggcggc	ggcggcatca	gtcacagtgc	tttctggaat	300
catccagttg	gctttttggga	ttctgcggtg	tggatttgta	gtgatatacc	tgtctgagtc	360
cctcatcagt	ggcttcacta	ctgctgctgc	tgttcatggt	tttggnttcc	caactcaaat	420
tcattttttc	agtgacagtc	cgtcacaca	ctgatncagt	ttnaatttta	aaagtacctc	480
ggccgcganc	accctaaggc	gaatttnaac	ccactngcgg	cgttcttant	ggatccaact	540
ngnnncaaac	ttngngaata	ngggcataac	ngntcctggg	gaaatnnttc	ccnct	595

<210> 478
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 478

ggtacacagt	atgtataaca	atgcatacta	tggtgtggag	ttaattccaa	ttaccatatt	60
ttatatattat	tggtcacaac	agcatatatt	ttatgctcca	aaatacatgg	atctgacaaa	120
atggttacat	ttaatgttct	tttaaagaaa	gatgaactaa	atttaagaag	aattggtttt	180
tcctaataatc	tcattttcaa	attactgata	caaatttgcc	agagaaacaa	ttacatgttt	240
tacctaacat	caaataatct	ccagtttcta	agacagatgc	atttcttggt	caatttccaa	300
aagtaaataa	aggctttcta	actgaaaaca	tttgcattcc	tagctctcta	aagtaattaa	360
aaagaaaatt	acaaaaaatg	acctctaagc	ttctgaacag	cccacttant	tacataaagt	420

<210> 479
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 479

ggtacctagt	cagatggttag	acgagctgtc	tgctgcccga	ggagcacctc	tatacaggac	60
ttagaagtag	tatgttattc	ctggttaagc	aggcattgct	ttgccctgga	gcagctatct	120
taagccatct	cagattctgt	ctaaaggggt	tttttgggaa	gacgttttct	ttatcgccct	180
gagaagatct	accccaggga	gaatctgaga	catcttgcct	acttttcttt	attagctttc	240
tcctcatcca	tttcttttat	acctttcctt	tttggggagt	tgttatgcca	tgatttttgg	300
tattttatgta	aaaggattat	tactaattct	atctctctat	gtttattcta	gttaaggaaa	360
tggtgagggc	aagccaccaa	attacctang	ctgagggttag	agagattggc	cagcaaaaac	420
tgtgggaaga	tgaactttgt	cattatgatt	tcattatcac	atgattatag	aaggctgtct	480
taatgcaaaa	aacatactta	catttnanac	atattccaan	gggatctcnc	attttgtaaa	540
aagttgacta	ttactggagt	aaacctgtt	ttccctaant	ttaacttttt	ttgggaaatt	600
at						602

<210> 480

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 480

ggtacttttt	tttttttttt	tttttttttc	ggtttgaggg	ggaatgctgg	anattgtaat	60
gggtatggan	acatgtcata	taagtaatgc	tagggtagt	ggtaggaagt	tttttcatag	120
gaggtgtatg	agttggtcgt	agcggaatcg	ggggtagtct	gttcgaattc	ataaaaacag	180
ggaggttana	agtagggctc	tggtgacaaa	atatgttggt	taaagtccag	ggganagtgc	240
gtcatatggt	gttccttaga	aaattgtagt	ggtgaggggt	tttattataa	taatgtttgt	300
gtattcggct	atgaaaaata	gggcgaaggg	gcctgcggcg	tattccatgt	tgaagcctga	360
gactagttcg	gactcccctt	cggcaagggt	caaaggggtt	ccggttggtc	tcttctagtg	420
tggagataaa	tcataattat	gccnaggggt	atgatggcag	gagtaatcaa	aggggtcntt	480
tgttttgaaa	aagggnggan	aggttaaagg	ancccttttt	tataatgggt	atantaaaaa	540
gatgcttggg	ggactcnttt	aaaatgttgg	ctcttcttcc	angcncccac	aggcgtatct	600

<210> 481

<211> 594

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(594)

<223> n = A,T,C or G

<400> 481

cgaggtacgg	ccagggctat	tggttgaatg	agtaggctga	tggtttcgat	aataactagt	60
atggggataa	ggggtgtagg	tgtgccttgt	ggtaagaagt	gggctagggc	atttttaatc	120

ttagagcgaa	agcctataat	cactgcgccc	gctcataagg	ggatggccat	ggctaggttt	180
atagatagtt	gggtgggttg	tgtaaatgag	tgaggcagga	gtccgaggag	gttagttgtg	240
gcaataaaaa	tgattaagga	tactagtata	agagatcagg	ttcgtccttt	agtgttgngt	300
atggttatca	tttgttttga	ggtaggtttg	attagtcatt	gttgggtggg	gattantccg	360
ttgttgatga	gatatttggg	gggtggggatc	aatagagggg	gaaatagaat	gatcagtacc	420
tgccnngcg	gncgctcgaa	anggcgaatt	ccaccacact	ggcgggcgnt	ctaattggatn	480
cgaccngtc	ccaacttgcg	taatcatggc	atacttgtn	ctgggtgaaat	ggtateccctc	540
acaattccca	cacatacaac	ccgaacctaa	atgtaaanct	gggggcctat	natn	594

<210> 482
 <211> 600
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 482

accatgaaat	acatatat	cataaggttc	agttacaaaa	tggattgttt	caaattggcaa	60
tttcttacac	taacctgatt	atgaaaaaaa	gaagtctgta	tcattctgctt	ccaagtctgt	120
tatgtccaaa	tatatattta	ttatgcattt	atthttgctac	ttttataaat	attagagatt	180
tcaccttaaa	ttattttt	aactagttct	agaacatgtt	ttccaattat	tatttttcta	240
atggagacat	ataattgacc	tatgtttatg	catatatgtt	ctctacacag	tgaaactttt	300
tttaaaaaaga	atagtaaaga	aaatgcggaa	gctctggctc	tccaaggcaa	agtcaaaaaa	360
aaaaaaaaaag	cgggggggaa	tgcgagggaac	atthttattac	acctnctgat	tttcctcctt	420
gagntttatt	ttctccctt	ggntatthtt	taatgctaga	aactgnattc	ctaanaaagc	480
atacctcttt	caggngagcn	tgataattgg	gaanaatthtt	gttccttttag	tntgaacatt	540
ttattaagaa	gngattccta	ataaaganac	aangggctnt	ttaattnttt	gggggnngga	600

<210> 483
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 483

acagaacatc	gtcagcacta	gcacagttta	cagaacctca	cagacccaaa	ggaacatcaa	60
taggcaaagc	gactacagga	ggcgtgtgtc	cgcgtgggcg	aggtaaagag	ggtcagtatt	120
ggatcaagtga	cagtgtcggt	aatctggcaa	gacagtgatg	ttaagaagggt	tcatagttta	180
agaattatct	aaaatatttt	aaaaactata	aagctgcaac	acatgatttt	tacacctagt	240
tactagaaaa	ctaaggaaag	cacttatttag	ctctgaataa	agtaacatgg	aaagcacttt	300
tactaatcga	caaaaaaacc	ttctaattgca	ttatcagaaa	gattttataa	tacaaggagg	360
catattgtct	agtcagaagg	ggttctataa	gaaaagcact	tactaagtta	gcgactaaca	420
gaacaaccng	tttaagatg	aattaaatgc	cccatttggg	gangcatggc	aggtgttaag	480
anaaangaaa	agcntaagaa	aacatttnct	ggttatanca	aaccttntt	tnttatctac	540
tgnatttgac	aaaaattaac	cntttaaagt	tttaccnngg	cacttnnttc	nttgctctcg	600
gcccc						605

<210> 484
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 484

ggtacgcggg	tggggagacc	ctggggtagc	agccactgac	ctcacacctg	gaggaagctg	60
tgtgaccgat	tcatgagctt	atgcctgaag	acagagcaag	cactccccgc	accacgacga	120
tgacgttcac	ttgttttgtg	tttttcgata	tcttcaacgc	cttgacctgc	cgctctcaga	180
ccaagctgat	atgttgagac	ggcttttctca	ggaaccacat	gttcctctac	tccgtcctgg	240
ggtccatcct	ggggcagctg	gcggtcattt	acatcccccc	gctgcagagg	gtcttccaga	300
cggagaacct	gggagcgctt	gatttgcctg	ttttaactgg	attggcctca	tccgtcttca	360
ttttgtcaga	gctcctcaaa	ctatgtgaaa	aatactgttg	cagccccaaa	gagagtccag	420
atgcaccttg	aaagatgtgt	agtggaccgc	acttccgcgg	naccttctta	atnatttcaa	480
ctgggtgnga	ctgtggccct	gccctgtttc	ttcttagggg	agactttang	anggcgagcn	540
tcataccgga	tagtttttct	taggaaactn	aggaaccttg	gctcaggacc	a	591

<210> 485
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 485

ggtacgcggg	gatataaagg	gagagagcaa	gcagcgagtc	ttgaagctct	gttnggtgct	60
tnggatccat	ttccatcggn	ccttacagcc	gctcgtcaga	ctccancagc	caanatgggtg	120
aancagatcg	agagcaagac	tgctttttcan	gaagccttgg	acgctgcang	tgataaaactt	180
gtagnagttg	acttctcagc	cacgtgggtg	gggccttgca	aaatgatcaa	gccttttcttt	240
cattccctct	ctgaaaagta	ttccaacgtg	atattccttg	aagtagatgt	ggatgactgt	300
caggatgttg	cttcagagtg	tgaagtcaaa	tgcatgccaa	cattccagtt	ttttaagaag	360
ggacaaaagg	tgggtgaatt	ttctggagcc	aataaggaaa	agctttgnag	ccnccattaa	420
tgaatgagtc	taatcatgtt	ttctgaaaac	ataaccagc	catttggcta	tttaaaactt	480
gnaanttttt	nagntaccna	aatttaaagt	ctgaagacat	aaccgggtgc	catttgcgtg	540
acaatnaaaa	attatgccaa	cacttttttna	anaanganan	nnntttcctn	gggaaatngt	600
anccc						605

<210> 486
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 486

ggtaccagtt	gtagccataa	agattctggg	actcattatg	gactactaga	aggacctcct	60
------------	------------	------------	------------	------------	------------	----

tcccttctgc	gacattgaac	ggcagacat	caatattggt	ctgggcaactg	tttggcaggt	120
tccagaaggt	taaaagcgag	gctgtgagca	ggagtccttg	ccagggaatg	cacactctgt	180
atggacaggc	tgaaggggac	cccatgggtct	ctgctgcctg	cttgtcctct	gtggagaaga	240
gcttgggctc	caggaactct	cttgtcaggg	ctgctgtgac	tgtcagctct	gctgtccttc	300
ctacctctgt	gtcccgct					319

<210> 487
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 487						
acgcgggagc	tgagtgtccc	gcggggcccg	aagcgtttac	tttgaaaaaa	ttagagtgtt	60
caaagcaggc	ccgagccgcc	tggataccgc	agctaggaat	aatggaatag	gaccgcggtt	120
ctattttgtt	ggttttcgga	actgaggcca	tgattaagag	ggacggccgg	gggcattcgt	180
attgcgcgcg	tagagggttaa	attcttggac	cggcgcaaga	cggaccanag	cgaaagcatt	240
tgccaagaat	gttttcatta	atcaagaacg	aaagtcggag	gttcgaagac	gatcagatac	300
cgctcgtagt	ccgaccataa	acgatgccga	ccggcgatgc	ggcggcgtta	ttccatgacc	360
cgccggggcag	ctttcnggaa	accaaagtct	ttgggttncc	gggggagtat	ngttcnaaaa	420
aaaaaaaaaa	aaaaaaaaag	cctnggccgg	ganccctta	ngngaaatt	cagccactgg	480
nggcgttctn	atggatncna	gctcggncca	acntggcgta	atatggcata	cttgttctctg	540
gngnaaatgt	ttccctccaa	attccccaaa	tacgggcgga	gcttaa		586

<210> 488
 <211> 487
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 488						
acagctgggt	ggacctattc	atgcatcttc	accagcagct	ggagcatctc	cacccttggt	60
atttctggtg	taaattactt	gagctctgtg	ctttgaaacc	agtttgataa	gtcctttact	120
aaggagctcc	tgaagggctg	ccctggccag	ggagcctcga	atcttcagtc	tctcagagac	180
cacagctggg	gttataagtt	tatagttggg	aacttcctta	cagagtttat	cataggtagc	240
tttgtcaaac	aagactaagt	tattgagctt	gtcccgaact	ttgccttttg	accacttctt	300
ctttttggcc	ttgcccccg	atttgttcac	tgggtctttg	tctttcttgg	ccgactttcc	360
agcgtccttc	ttcttcttgt	cgctcttaag	cggcattgcg	aanctcggag	aataagcaac	420
aaacaccgca	cctcgtcnaa	gatgtcggac	aaaaaaaggc	cccgctacc	ttnggccgcg	480
ancacnc						487

<210> 489
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 489

acgcgggggtc	tctcctcagg	cagcagcaac	gcggaggaaa	cgggagtga	cggagagcgt	60
agtgaccatc	atgagcctcc	tcaacaagcc	caagagtga	atgaccccag	aggagctgca	120
gaagcgagag	gaggaggaat	ttaacaccgg	tccactctct	gtgctcacac	agtcagtcaa	180
gaacaatacc	caagtgtctc	tcaactgccg	caacaataag	aaactcctgg	gccgcgtgaa	240
ggccttcgat	aggcactgca	acatggtgct	ggagaacgtg	aaggagatgt	ggactgaggt	300
acaaagatta	aattaagaca	cggtaaattg	actaaatatt	tggtttttat	ataaataaag	360
gtcataacca	caccgttgac	atgtaatact	gttataatac	aacagttaaa	ctttgtgagt	420
ctcaacagaa	gtcatctgta	gttnaacagg	aaacaaaagt	tgaaaaaaaa	catgttnaaa	480
caaaactctg	ggactaacag	gtcgggattg	taagtacaac	caacatattc	ctcacttctg	540
ggtntttcaa	gtttacagta	cttggccgga	cccccttang	ggnattcac		589

<210> 490
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 490

ggtaccggga	tagttttttg	agggttttat	tttataaaat	ccaagcgcgc	tgttgattgt	60
gttttccttg	ttttcagccc	cccgaactcca	gcccgcagca	catttcgcgt	gtccgtcagt	120
aattgtgtcc	tctctttatg	cttgcttggg	gaatgttggt	ttctgactag	gctgatcatt	180
atctaaagaa	tctaattctg	ttgattttta	aaacttttag	gaccataaac	gttggtgttca	240
tatatggaca	tggaaatatt	tatataat	tatagaaaat	aaccttttag	atgggtcaaag	300
tgttaaggagt	tttttttgtc	agataatcat	ttctacttca	aaaacatttc	atgcaatatt	360
agaataaagt	tcctgtcatt	cctctnnnan	aaaaannnnn	nnnnnnanna	nnnnnnnnnn	420
nggaanannn	nnnnnnnnnn	aaaaaagtac	ctgcccnggc	ggccgttcaa	aaggcgaatt	480
ccaccactg	gcggccgttc	taatggatcc	anctcggacc	aacctggnga	aacatggcat	540
acctgttcct	gnggaaatgg	tntcccttac	aattcccaca	aataaaaccg	g	591

<210> 491
 <211> 583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 491

ggtacatata	aatccttttg	gtgtcacttg	tagcaagcct	tgttcttgca	gttttcggat	60
tttcctcaaa	gctttgttgc	gcttgcgtag	aattcgaagt	ggactaaagc	caacagcatc	120

gataagtttc	cgcctaaaga	aaccaatggt	tgcaaagtag	ataggagatg	gacatctgaa	180
aattttcact	ccttctggct	catacatatc	ataataatct	tttttattct	tatagatggt	240
ggttcttcca	atattagcca	gcgtgctgca	ttttggaaat	tgggtcctga	acacgatggg	300
tagcagttga	aatgccacac	tagctgccag	gcctaaccgc	agtcccagga	caatggtgaa	360
agatgaaagg	catgaacca	aataaacaat	catatttggn	cnttcccca	atctgctatt	420
ttaaccaact	gcatcaacat	tcctttaagt	tccaatgcta	aactggcang	acnggcnttt	480
gtagaagngc	cangaaaaat	cagngcttga	cgacaatcac	accatgatgn	nccataancc	540
acaatctggg	nttggtcnn	ggcctctgaa	cnnngactgg	nag		583

<210> 492
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

<400> 492						
acgcgggggg	tggcacggag	gaaccaggag	cgtgcctctg	gcaccgtctg	gagctccgga	60
gatgacaagg	agcagctggg	gaagaacaca	tatgtcctgt	gaccgccttg	tcgccaagag	120
gactggggaa	gggaggggag	actatgtgtg	agcttttttt	aaatagaggg	attgactcgg	180
atgtgagtga	tcattagggc	tgaggctctg	ttctctggga	ggtaggacgg	ctgcttcctg	240
gtctggcang	gatgggtttg	ctttggaaat	cctctangag	gctcctcctc	gcatggcctg	300
cagnctggca	acaaccccga	gttggttcc	cgtgatcga	tttctttcct	ncaggtagag	360
ttttctttgc	ttatgttgaa	ttccattgcc	ttttctcat	cacaaaaaat	gatgttggga	420
atcgnntctt	ttgtttggct	gaattatggg	ntttttaant	ataaaccaaa	nttttttatt	480
aacattctta	aanaagggaa	agtnnaatgt	ncnttggncc	cnaccncgct	aanggcnaat	540
ttcanccent	ggnggccgtn	nttnnggatc	cnnncnngnn	ccaannntgg	nntantn	597

<210> 493
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 493						
acggatgcta	cttgtccaat	gatggtaaaa	gggtagctta	ctggttgtcc	tccgattcag	60
gttagaatga	ggaggtctgc	ggctaggagt	caataaagtg	attggcttag	tgggcgaaat	120
attatgcttt	gttgtttgga	tatatggagg	atggggatta	ttgctaggat	gaggatggat	180
agtaataggg	caaggacgcc	tcctagtctg	ttaggacggg	atcggagaat	tgtgtaggcg	240
aataggaaat	atcattcggg	cttgatgtgg	ggaggggtgt	ttaaggggtt	ggctagggta	300
taattgtctg	ggtcgcctag	gaggtctggg	gagaatagtg	ttaatgtcat	taaggagaga	360
aggaagagaa	gtaagccgag	ggcgtctttg	attgtgtagt	aaggggtggaa	ggtgatttta	420
tcggaatggg	aggtgattcc	taaggggggtg	gttgatcccg	tttcctgcca	agaataagaa	480
gtggaatgct	gctagggtctg	cattaatgaa	ggccaagatg	aaatgaaagg	taaanaatcn	540
ngtgangggg	gactgctact	gatanccctc	caaatacatga	ataggntgtc	c	591

<210> 494
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 494
 ggtacttttt tttttttttt tttttttttt ttttttagnt catgtctttt attaactcat 60
 acagttactt gtcttctggg ttgttgaaac agtaagtcan acaacatttg ccacaataat 120
 gtctgtcaaa gtgacttgcc ataaacaccc cagcaccaca ttcatcanaa gggcactctc 180
 gacgaaggcg actaattttg ccattctcat ccaccttata atatttcagg acagccagct 240
 taaccttctt tctcttgtgc ttattcttct tgggagnggt gtaagacttc ttcttccttt 300
 tcttagcacc accacgaagt ctcaacacaa gatgaagagt agactccttt tgaatattgt 360
 aagtcagaca aagt 374

<210> 495
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

<400> 495
 actgggagaa ggtgctgacg ccgacgaagt ggtggatggg cttcccgtg caggtgaacc 60
 tcctgggtgcc atcctgcagg gtcccccgag gattgcctag atcatttttc aagcagtagt 120
 tgctttctgg gtttttacaa attctgcatt ttccacactg aggagtaaag agcgggatga 180
 ctttatcacc tggtttgact gtagtcaccc cttctccaac actttccacg atgccggctg 240
 cctcatggcc taaaatcaca ggaagggggg tcaccaggtt gccactaacc acatgctcat 300
 ctgaacgaca gattcctgca gccaccatct taatgcgaac ttcatgagcc ttaggaggtg 360
 caacctctac ctctcaatg gaaaagggtt tctttaactc ccatagcaca actgctttgc 420
 atttgattac ctgtaaactc agctacttgt gaaggctgag gcanganaat actttgaacc 480
 ccggaaggca aagggttgca tgagccnana acaccattgn acttccanct gggcaatana 540
 aaaaaactca ttttctctgc tggctcaaat gatctgcttc ttgcaaacaa gagntgn 597

<210> 496
 <211> 604
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 496
 ggacgcggt gctgactgca tagctctttt tcttgagagg ctctccattt tgattcagaa 60

agttagcata	tttattacca	atgaatttga	aaccagggct	tttttttttt	tttgggtgat	120
gtaaaaçcaa	ctccctgcc	ccaaaataat	taaaatagtc	acatttatct	ttattaggta	180
atcacttctt	aattatatgt	tcatactcta	agtatcaaaa	tcttccaatt	atcatgctca	240
cctgaaagag	gtatgctctc	ttaggaatac	agtttctagc	attaaacaaa	taaacaaggg	300
gagaaaataa	aactcaagga	gtgaaaatca	ggaggtgtaa	taaaatgttc	ctcgattcc	360
ccccgcctt	tttttttttt	ttgactttgc	cttggaagc	cagagcttcc	cgcattttct	420
ttactattct	ttttaaaaaa	agtttctactg	ngtaaaagaa	catatttgcc	taaacatang	480
tcaattatat	gtctccatta	naaaaaaata	attggnaaac	attgtctana	actagttcca	540
aaataattaa	gggggaaatc	tntaatnttt	ttaaagtgcc	naaanaatgc	ctaanttaaa	600
antt						604

<210> 497

<211> 587

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 497

acattaatga	aatgtttcca	aagaaatact	gaacaatata	tactctagtt	tgctgaggtt	60
ccagctcgag	ttcaaacct	attcttgtgc	aataaaaaatc	agcatggatc	ttagatgatc	120
tagaatacac	tgtgttttga	aatccacagc	tggtttcatt	tttaaccatt	atgaaaaacc	180
agtacttttt	tttttttttt	tttttttttc	nctnggacca	taaattttta	ttggcaggtc	240
aggaaaaaag	ccgggggtaa	gggtcccttc	cttcccaccc	ctctacccan	aanacaccct	300
ccaaaggaca	gcagaagccc	cagagcctgc	tgccctcagag	gaccttggag	gcagacaaat	360
tgttgtagn	atcttccctgt	ccctcaanca	ggctgcggta	ggtggnaatc	tnctgctcca	420
gccgcgactt	gatgtccatg	aaccgctggt	cctcggccgc	gacaccctta	nggcgaattn	480
caccnactgg	gnggcgttct	agtggatccg	actcggacca	acctngcgna	atcatggcan	540
actgggttct	gnnggaaatg	gtttccctnc	aattccccaa	cataccn		587

<210> 498

<211> 354

<212> DNA

<213> Homo sapiens

<400> 498

acgcgggcaa	taaagctaaa	actcacctga	gttgtaaaaa	actccagttg	acacaaaata	60
gactacgaaa	gtggctttta	catatctgaa	cacacaatag	ctaagaccca	aactgggatt	120
agatacccca	ctatgcttag	ccctaaacct	caacagttta	atcaacaaaa	ctgctcgcca	180
gaacactacg	agccacagct	taaaactcaa	aggacctggc	ggtgcttcat	atccctctag	240
aggagcctgt	tctgtaatcg	ataaaccccc	atcaacctca	ccacctcttg	ctcagcctat	300
ataccgccat	cttcagcaaa	ccctgatgaa	ggctacaaa	taagcgcaag	tacc	354

<210> 499

<211> 632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(632)
 <223> n = A,T,C or G

<400> 499

nccgaggtac	caactgcact	cgtttttggca	ttgcagctaa	atatcagttg	gatcccactg	60
cttccatttc	tgcaaaagtc	aacaactcta	gcttaattgg	agtaggctat	actcagactc	120
tgaggcctgg	tgtgaagctt	acactctctg	ctctggtaga	tgggaagagc	attaatgctg	180
gaggccacaa	ggntgggctc	gccctggagt	tggaggctta	atccanctga	aaagaaacct	240
ttgggaatgg	atatcaaaag	aattggcctt	aatatatttc	cattgngacc	agcagcaggc	300
tttttttccc	ccagaagatg	atcaaaacaa	aaggatgata	tcaacaagaa	ctgtatttta	360
aagtatttaa	ganagtcttt	ggtaactnng	ttctaagtn	gtatctaatt	acccaatgct	420
gcagtccctg	agtccttatt	cattanttaa	atgtatttaa	ctggtaaagt	ccctnccnc	480
cataatgaaa	taganccttt	ttgaaaaccc	aaaaaaaaaa	aaaaaaaaaa	aaaaaagtcc	540
ctgcccggcc	ggccctcaaa	ngnggaattc	cannccctgg	gggccgtact	aanggatccn	600
cccggnccaa	cttggggaat	atgggntant	gn			632

<210> 500

<211> 619

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 500

tccagcggnc	cgccggggcng	gtcatctata	aaaggaaaag	tgatggcatc	tatatcataa	60
atctcaagan	gacctgggag	aagcttctgc	tggcagctcg	tgcaattggt	gccattgaaa	120
acctgtctga	tgtcagtgtt	atatectcca	ngaataactg	ccaaanggct	gtgctgaant	180
ttgctgctgc	actggaacca	ctccaattgc	tggccgcttc	actcctggaa	ccttactact	240
ccagatcagg	caaccttccg	ggaccacggn	ttnttggtgt	tactgacccc	aaggctgacc	300
accaacctnt	cacggaggca	ttttatgtta	acctacctac	cattgcgctg	tgtaacacaa	360
gattcttctc	tgcctatgtg	gacattggca	ttccatgcaa	caaccaaggg	gagctcactc	420
aatgggtttg	atgtggtgga	tctgctcggg	naagtctgcg	catgcctggc	accatttccg	480
tgaacaccat	ggagggatgc	ctgattttac	cttggccgga	cacnctangg	cgaattcacc	540
acttgnggcc	gtatantgga	tccactcgga	ccaacttggg	naaaatggca	naatnttccg	600
gggaaatgat	ccctccaan					619

<210> 501

<211> 605

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(605)

<223> n = A,T,C or G

<400> 501

accacactga	gatagtgttt	gccaggacct	cccctcagca	gaagctcatc	attgtggaag	60
gctgccaaag	acaggggtgt	atcgtggctg	tgactggtga	cggtgtgaat	gactctccag	120
ctttgaagaa	agcaaacatt	gggggttgcta	tggggattgc	tggctcagat	gtgtccaagc	180

aagctgctga	catgattctt	ctggatgaca	actttgcctc	aattgtgact	ggagtagagg	240
aaggctcgtct	gatctttgat	aacttgaaaa	aatccattgc	ttatacctta	accagtaaca	300
ttccccgaga	tcaccccggt	cctgatattt	attattgcaa	acattccact	accactgggg	360
actgtcacca	tcctctgcat	tgacttgggc	actgacatgg	gtncctgccat	ctcctggcctt	420
atgagcaggc	tggagggcat	catgaanaaa	cagcccaaaa	tccaaacaga	caacttgtga	480
atgancnggt	gatcacatgg	ctatggcaga	atggatgac	nagnoctggg	aggttcttac	540
ttacttggaa	tctgntgaaa	cggttcttcc	aatacctntt	ggcctccatg	gntggaanac	600
cctga						605

<210> 502

<211> 627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 502

acatcttgct	ggaaaatgct	gcccagggct	ctggagacgg	tggtctgccc	ggctcccttc	60
actgtccagg	tcctgaaaga	ctcttggtca	tgaactgtct	cttcacaaag	caagtccacc	120
acttgctggg	tttatcattc	tgagggtcga	aaactttctc	acaaagtctc	agtccagtct	180
cttgcccttag	ctggtgtaaa	taggctctca	tcacttcac	ttctgtttgt	ttgcagggtt	240
ggcataaatt	gcgttaagtg	gaaaaccagg	ctctccagga	atgggaaaat	taagtgattc	300
ccagcgtata	catttctttc	tcaccttggc	ttttggaatt	gcacttttgc	agtttcttca	360
nacattcaga	aatgtagaga	gttatatata	tcaangncct	atcaacttca	ttcttaattt	420
cataagtttt	gaaaaaaaca	ttggcccttg	aagtaataaa	tnngntttatt	cccaaaatct	480
ggatcnnnttg	gcnctctnng	ggcangnccc	ttgaaatgac	ttttgatagg	gaacaangcc	540
ctgggtttcca	nnagnttggg	ttcnggacn	taaaaaaaaa	gggaancegg	nttttggngg	600
gcccggttta	accecaaggc	cggan				627

<210> 503

<211> 629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(629)

<223> n = A,T,C or G

<400> 503

ggtacattag	tagagctctc	caatcacagg	cagacgccag	tgtcctatga	ccagggggca	60
aatatggcca	aacagattgg	agcagctact	tatatcgaat	gctcagcttt	acagtcggaa	120
aatagcgtca	gagacatttt	tcacgttgcc	accttggcat	gtgtaaataa	gacaaataaa	180
aacgttaagc	ggaacaaatc	acagagagcc	acaaagcgga	tttcacacat	gcctagcaga	240
ccagaactct	cggcagttgc	tacggactta	cgaaaggaca	aagcgaagag	ctgcactgtg	300
atgtgaatct	ttcattatct	ttaatgaaga	caaaggaatc	tagtgtaaaa	aacaacagca	360
aacaaaaagg	tgaagtctaa	atgaagtgca	cagccaaagt	catgtatcca	gaggcttang	420
aggcgtttga	gangatactc	atcttttttg	aatnctgcct	taggttcggc	atgtanacca	480
agtgatgaga	agtgaatcca	tggaaagatt	ttaatgtgac	ttggaaaata	tgccaaaaaa	540
tgagagatcc	aataacttna	ggaaaataag	ggggatccaa	tnccncccc	gcggccctta	600

<210> 504

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 504

acgcgggagc	tgagtgtccc	gcggggcccg	aagcgtttac	tttgaaaaaa	ttagagtgtt	60
caaagcaggc	ccgagccgcc	tggataccgc	agctaggaat	aatggaatag	gaccgcgggt	120
ctattttgtt	ggttttcggg	actgaggcca	tgattaagag	ggacggccgg	gggcattcgt	180
attgcgccgc	tagagggtta	attcttggac	cggcgcaaga	cggaccagag	cgaaagcatt	240
tgccaagaat	gttttcatta	atcaagaacg	aaagtcggag	gttcgaagac	gatcagatac	300
cgtcgtagtt	ccgaccataa	acgatgcccc	accggcgatg	cggcggcgtt	attccatgac	360
ccgncgggca	gcttccggga	aaccaaagtc	tttgggttcc	ngggggagta	tnggtgcaaa	420
aaaaaaaaaa	aaaaaaaaaa	gtcctnggnc	gcgacccctt	aa		462

<210> 505

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 505

actttttttt	tttttttttt	tttgggggag	gttatatggg	tttaatatgt	tttttaattt	60
atttaggggg	aatgatgggt	gtctttggat	atactacagc	gatggctatt	gaggagtatc	120
ctgaggcatg	ggggtcaggg	gttgagggtc	tggtgagtgt	tttagtgggg	ttagcgatgg	180
aggtaggatt	ggtgctgtgg	gtgaaagant	atgatggggg	ggtggttggt	gtaaacttta	240
atagtgtagg	aagctgaata	atztatgaag	gagaggggtc	agggttgatt	cgggaggatc	300
ctattggtgc	gggggctttg	tatgattatg	ggcgttgatt	agtantaatt	actggttgaa	360
cattgtttgt	tggtgtatat	attgnaattg	agattgctcg	gggggaatang	ttatgtgatt	420
aggaataggg	ttangatgag	tgggaagaaa	aaaagaaagg	aantaaaagt	ttaattattc	480
cctttttggg	ttgaagngat	natggaaggg	gaaaatttgg	gccttgaaat	tgtttaagta	540
atacttttct	aataaggtaa	gtctagaaga	atagggcngg	ttttggtctt	aaaaaggcta	600
aaaggggatt	ggcgggggtg	atccnccc				628

<210> 506

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(612)

<223> n = A,T,C or G

<400> 506

acggtagaac	tgctattatt	catcctatgt	gggtaattga	ggagtatgct	aagattttgc	60
cgtagctggg	tttggtttaa	tccacctcaa	ctgcctgcta	tgatggataa	gattgagaga	120
gtggggagaa	ggcttacgtt	cagtgaggga	gagatttggt	atatgattga	gatgggggct	180
agtttttgtc	atgtgagaag	aagcaggccg	gatgtcagag	gggtgccttg	ggtaacctct	240
gggactcaga	agtgaagggg	ggctattcct	agtttttattg	ctatagccat	tatgattatt	300
aatgatgagt	attgattggg	agtattgggt	atgggttcatt	gccggagaag	tatattgttg	360
aagaggatag	ctattagaag	gattatggat	gccgttgctt	gcctgaagaa	atacttgatg	420
gcagcttctg	tggaaaccaag	gtttatTTTT	ttggntagaa	ctggaataaaa	acctacatgt	480
ttatttctan	gccactcagg	taaaaaatca	tgcnaactta	acccttgata	atgtgcctcc	540
aaaatgtaaa	aaaataacgg	ttggcccggg	ataatcccg	ncttggccga	ccccctaggn	600
aattcccccc	tg					612

<210> 507

<211> 632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 507

ggtagactcgt	tgtagccac	ttccactatg	tcctatcaat	aggagctgta	tttgccatca	60
taggaggctt	cattcactga	tttccctat	tctcaggcta	caccctagac	caaacctacg	120
ccaaaatcca	tttccactatc	atattcatcg	gcgtaaatct	aactttcttc	ccacaacact	180
ttctcggcct	atccggaatg	ccccgacgtt	actcggacta	ccccgatgca	tacaccacat	240
gaaacatcct	atcatctgta	ggctcattca	tttctctaac	agcagtaata	ttaataattt	300
tcattgatttg	agaagccttc	gcttcgaagc	gaaaagtctt	aatagtagaa	gaacctccca	360
taaacctgga	gtgactatat	ggatgcccc	caccctacca	cacattcgaa	gaacctcgat	420
acataaaatc	tagacaaaaa	aggaaggaat	cgaaccccc	aaactgggtt	nagccaaccc	480
catgggcttc	acgacttttt	tataaaaaaa	aaaaaaaaaa	aaaagtcttg	gcccgggngg	540
cggtcanggn	gaaattcaac	nactgggngg	cggtctaang	ggtccaactc	gggnccaacc	600
tgggggaaaa	tgggaaagtg	gttcctgggg	aa			632

<210> 508

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 508

cggtcctcta	atgctgctcn	cccggccgca	ntgtgattgg	atatcttgca	gaattcgccc	60
ttagcgtggg	cgccggggccg	aggtacaact	tccaaaaagg	agacattgga	gaanaaccaa	120
gctgggtcta	taaggaattg	cacatgagat	ggcacacata	tttatgctgt	ctgaaggnga	180
cgatcatgtt	accatatcaa	gctgaaaatg	tcaccactat	ctggagattt	cgaccgtgtt	240

ttcctctctg	aatctgttat	gaacacnttg	gttggctgga	ttcantaata	aatatgtaag	300
gccttttctt	tcaaaaaaaaa	aaaaaaaaaaa	aaaagt			336

```

<210> 509
<211> 624
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

```

<400> 509						
ggtacttttt	tttttttttt	ttttttttta	tagatacaat	tggcttttat	ttgtgattca	60
tgagtcaggg	cagtttccat	tctgcaaaat	atagtgatag	ctcctactgg	gcaatacaac	120
agtanaacag	tgggttttgt	aaaatgggaa	tccaggaaca	gaagaatata	aataaattga	180
tttaataaaa	ctgattgggt	aatttcagaa	tacttcatat	tacttttttc	taagagttaa	240
agcagaaagg	actttcttac	tgtgctgact	canacagcct	ggactctcat	gttttttagga	300
aaattttgct	gttctgggat	ctacctgctt	cctcatgttt	cagtgnagat	atatggcatt	360
taacatgact	ggctccattc	tggagtccca	ggctgtccct	aaatgagaag	ttgactaaac	420
ataaggnatt	aacactactg	ncaggtacca	tcattttggc	ttncatcatt	catanggtat	480
gatgnccnc	naatcatacc	tttatttgag	tttttgnat	tccnncccaa	aaaaaaaaatt	540
ttgaanttta	ccaaaggntg	catgccacnt	ttaaagggtt	anaaaatcnc	cccncnnggn	600
actaatnttg	ggccatcngn	nggc				624

```

<210> 510
<211> 619
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

```

<400> 510						
acggatgcta	cttgtccaat	gatggtaaaa	gggtagctta	ctgggtgtcc	tccgattcag	60
gttagaatga	ggaggtctgc	ggctaggagt	caataaagtg	attggcttag	tgggcgaaat	120
attatgcttt	gttgtttgga	tatatggagg	atggggatta	ttgctaggat	gaggatggat	180
agtaataggg	caaggacgcc	tcctagtttg	ttagggacgg	atcggagaat	tgtgtaggcc	240
aataggaaat	atcattcggg	cttgatgtgg	ggaggggtgt	ttaanggggt	ggctagggta	300
taattgtctg	ggtcccctaa	gaggtctggt	gagaatagtg	ttaatgtcat	taangagaga	360
aagaaaaaaa	ataagcccga	gggcgtcttt	gatttgtgtan	taaaggtgga	angtgatttt	420
atcngaattg	gaagtgattn	ctaaggggtt	ggtttgatcc	ctttcgtgcc	aaaataagaa	480
gnggaatgct	gctagggtct	cataatgaag	gcaanataaa	atgaaagnaa	aaaatctgta	540
aggnnggact	gctactaata	ncctcccaaa	tcttgaacaa	gnnttnccaa	ttntggatgg	600
nggtataant	tnaattcnn					619

```

<210> 511
<211> 634
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 511

cgaggacgcg	gggagatggc	ctagaagcaa	tgatagccat	cactgagaac	acctagcacc	60
caatcttggt	tcctaatacc	attctcccat	caaaggaacc	agagatcctt	ggagaaatgg	120
ttaaggaatg	aggcaggaaa	tatacaagat	aagcctggag	catcttatag	ctctagaaag	180
taagaaagta	cctgcctatt	ttagaatcct	agagaacatt	tcattgtaag	aaactagccc	240
attattttaag	tgtccacagt	atcttttcatt	tcagtgggtcc	aagatgcgaa	ggtttccaga	300
cacaatcttg	ttctcctaata	ctgctccagg	tgggatatca	attctgtccc	catgatttgc	360
aatgatgata	cccgttcctt	ttaatgaaac	atctttttnca	aatgtcacat	cttctgaaac	420
tgngaggnga	tccaattcaa	gcataatctgg	gntactttcc	aaatcntctt	agataatctt	480
gaaccttcgt	aaaagaactg	gctaattaan	ccanggccct	gnaggaaatt	ccccttttcc	540
tcattggcag	anancctgca	ttaaantntt	aagggttgnn	ttncncncan	aaactgtgtg	600
gtttgnaggc	aaaaaacggt	cttgggcatt	ancc			634

<210> 512
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 512

ggtagcgagg	cattgttcat	gactttaaca	agaaacttac	agcctattta	gatcttaacc	60
tggataagtg	ctatgtgatc	cctctgaaca	cttccattgt	tatgccaccc	agaaacctac	120
tggagttact	tattaacatc	aaggctggaa	cctatttgcc	tcagtcctat	ctgattcatg	180
agcacatggt	tattactgat	cgcattgaaa	acattgatca	cctgggtttc	tttatttatc	240
gactgtgtca	tgacaaggaa	acttacaac	tgcaacgcag	agaaactatt	aaagggtattc	300
agaaacgtga	agccagcaat	tgtttcgcaa	ttcggcattt	tgaaaacaaa	tttgccgtgg	360
aaactttaat	ttgtcttgaa	cagtcaagaa	aaacattatt	gaggaaaatt	aatatcacag	420
catacccccc	cctttacatt	ttgngcagng	gatatttttt	aaagcttctt	tnatgtaagt	480
agcaacangg	ntttactatc	tttcatttca	taaatcaatt	aaancnttnc	ctcaaaaaaa	540
aaaaaaaaaa	aaaaatacct	ncccggcggc	gctccaaagg	ggaattcaan	caccgngggc	600
cgtctttggg	accaacncgg	gcc				623

<210> 513
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 513

actgccctct	ccagatcagc	agttcaggag	agcacaggag	gcaaaacaca	gattgctggg	60
cttattggtg	ccatcatcgt	gctgattgtc	gttctagcca	ttggatttct	cctggcacct	120
ctacaaaagt	ccgtcctggc	agcttttagca	ttgggaaact	taaaggggaat	gctgatgcag	180
tttgctgaaa	taggcagatt	gtggcgaaa	gacaaatatg	attgtttaat	ttggatcatg	240
accttcacat	tcaccattgt	cctgggactc	gggttaggcc	tggcagctag	tgtggcattt	300
caactgctaa	ccatcgtgtt	caggacccaa	tttccaaaat	gcagcacgct	ggctaataat	360
ggaagaacca	acatctataa	gaataaaaaa	gattattatg	atatgtatga	gccagaagga	420
gtgaaaattt	cagatgtcca	tcttctatct	actttgcnaa	cattggnttc	tttaggcngg	480
aacttatcga	tgctggtngg	cttttagtnca	ctttgnaatt	tacgcaagcc	ccacaaactt	540
tgaggaaatc	ccaaactgcn	aancangntt	nttcagtggg	acccaanggt	tttttttctt	600
tggccccgacn	ccctangnga	atn				623

<210> 514
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 514

ggtactcatg	cccgaactgtc	taccaggcac	acagactttg	aggagagggc	gtatgtcgtc	60
ttgatccgca	tcaatgatgg	gggtcggcca	cccttggaag	gcattgtttc	tttaccagtt	120
acattctgca	gttgtgtgga	aggaagtgtg	ttccggccag	caggtcacca	gactgggata	180
cccactgtgg	gcattggcagt	tggtatactg	ctgaccaccc	ttctggtgat	tggtataatt	240
ttagcagttg	tgtttatccg	cataaagaag	gataaaggca	aagataatgt	tgaaagtgct	300
caagcactctg	aagtcaaacc	tctgagaagc	tgaatttgaa	aaggaatgtt	tgaatttata	360
tagcaagtgc	tatttcagca	acaaccatct	catcctatta	cttttcacat	aacgtgcatt	420
ataatttttt	aaacagatat	tccctcttgt	cctttaatat	ttgctaaata	tttctttttt	480
gangnggagt	cttgctctgt	cgnccaaagc	ggantacctg	nccccggcgg	ccgtcaaagg	540
cgaattcaac	aactggcggc	cgtactaatg	gatcgacctc	ggaccaactt	ggggaacatg	600
gcanactngt	tcttgngnaa	aggatcc				627

<210> 515
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 515

accattggtg	gccaatatgat	ttgatggtaa	gggagggatc	gttgacctcg	tctgttatgt	60
aaaggatgcc	gtanggatgg	gagggcgatg	aggactagga	tgatggcggg	caggatagtt	120
cagacggttt	ctatttctctg	agcgtctgag	atgttagtat	tagttaagtt	ttgttgtgag	180
tgttaggaaa	agggcataca	ggactaggaa	gcagataagg	aaaatgatta	tgagggccgt	240
gatcatgaaa	ggtgataagc	tcttctatga	taggggaaag	taancgtctt	gtanacctac	300
ttgcgctgca	tgtgccatcc	cgcggtaccc	taaccctgtc	aaaggtagca	taatcacttg	360
ttccttaatt	aagggaacctg	tatgaatggc	ttcaccaggg	ttcaactgtc	tcttactttt	420

aaccagtga	attgacctgc	ccctgaanag	gcggcnttac	acaccagacg	agaaaacctt	480
tgagagcttaa	ttattatcca	acatacctng	ccggaccccc	taaggcgaat	tccaccactt	540
gcggcgctcta	tgatccact	cggaccactt	ggggaaaagg	ctactgtcct	ggnaatgttt	600
cctcn						605

<210> 516
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 516						
ggtacaacta	atccgtgaca	aattaccaga	ttaatttttac	tttattttctt	caggcctggg	60
gtttttcgat	gagttcaaat	ttgggatctt	caaatttgaa	ggtgggaaat	gtattcatgt	120
ctgcattacc	aaacatttgc	ttgagcttaa	aaagctccct	ctccagctct	tgctgatact	180
ctgaactagc	atcaacaggt	cctccagatg	tctgtcgtct	agatttgtat	tctctaactct	240
tgtccacaaa	gagtttctgt	ataggatcaa	gttccttatt	aaatgccact	gctgtaacac	300
caatgttctt	ccgcaaattg	actgagacgg	ctgaccgaat	gacagaggag	aacctgaaga	360
gcctctgaag	aatcatgctg	attcttgcac	tcagtcccga	gctgncaaag	ccttcgccgc	420
caccaccttc	gntctacccc	cgcgtacctg	cccggcgggc	gctc		464

<210> 517
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 517						
acccggagca	cggagatctc	gccggcttta	cgttcacctc	ggtgtctgca	gcaccctccg	60
cttcctctcc	taggcgacga	gacccagtgg	ctagaagtgc	accatgtcta	ttctcaagat	120
ccatgccagg	gagatctttg	actctcgcag	gaatcccact	gttgagggtg	atctcttcac	180
ctcaaaagg	ctcttcagag	ctgctgtgcc	cagtgggtgt	tcaactggta	tctatgaggc	240
cctagagctc	cgggacaatg	ataagactcg	ctatatgggg	aagggtgtct	caaaggctgt	300
tgagcacatc	aataaaaacta	ttgcgcctgc	cctgggttagc	aagaaactga	acgtcacaga	360
acaagagaag	attgacaaac	tgatgatcga	gatggatgga	acagaaaata	aatctaagtt	420
tggtgcgaac	gccattctgg	gggtgtcctt	tgccgtctgc	naaactgggtg	ccgttgagaa	480
gggggtcccc	tgctcttggc	cggacacnct	aaggcgaatt	ccacacactg	cggccgtact	540
atggatcgac	tcggnaccaa	cttgggtaat	atgggcatac	tggtncctggn	gaaatgtttc	600
cctccaatcc	a					611

<210> 518
 <211> 435
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 518

cgaggtactt	tntttttttt	tttttttttt	ttttaagagg	aaaacccggt	aatgatgtcg	60
gggttgaggg	ataggaggag	aatgggggat	aggtgtatga	acatgagggg	gttttctcgt	120
gtgaatgagg	gttttatgtt	gttaatgtgg	tgggtgagtg	agccccattg	tgttggtgga	180
aatatgtaga	gggagtatag	ggctgtgact	agtatgttga	gtcctgtaag	taggagagtg	240
atatttgatc	aggagaacgt	ggttactagc	acagagagtt	ctcccagtag	gttaatagtg	300
gggggtaagg	cgaggttagc	gaggcttgct	agaagtcac	aaaaagctat	tagtgggagtg	360
agagtttgaa	gtccttgaaa	gaggattatg	atgccactgt	gaatgccttc	ctagtttgag	420
tttgctagcc	cgcgt					435

<210> 519

<211> 407

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 519

actttntttt	tttttttttt	tttttttttt	ncagctttgc	aaccatactc	cccccggaac	60
ccaaagactt	tggtttcccg	gaagctgccc	ggcgggcat	gggaataacg	ccgccgcac	120
gccggtcggc	atcgtttatg	gtcggaacta	cnacggtnn	tgatcgtnnt	cnaacctccg	180
actttcggtc	ttgattaatg	aaaacattct	tggcaaatgc	tttcgctctg	gtccgtnntg	240
cgccggtcca	anaatttcac	ctctagcggc	gcaatacnaa	tgcccccggc	cgccctctt	300
aatcatggcc	tcagttccga	aaaccaacaa	aataaaaaccg	cggtcctatt	ccattatgcc	360
tagctgcggt	atccaggcgg	tccccggtac	ctnggccgng	accacgc		407

<210> 520

<211> 613

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 520

accttctggg	gcatacaaca	tggcagcagg	gcctcgggaa	gaggggtagg	aggaccgagc	60
agcattctct	gtagaggaag	acaggaaagg	agaccctctt	ggcacacatt	tatggagggg	120
tgtccctgaa	gagaagggca	ggtagggagag	gttccctgtt	acttaagaga	aggcaccagt	180
ggcaaagagc	acaatgaaga	ggatgatgat	aaaaacaatc	acgcagataa	ggacaatcat	240
cttcacgttc	ttccaccaga	attttcgagc	caccttctgc	gatgtcgtct	tgaagtgtct	300
agatgtggct	tccagatcct	ctgtcttggt	gcggagatgt	tccaagtgtt	ccccccgggc	360
caggatccgc	tccacattct	gggtcataat	attcttaact	ccctccacct	cactttgcag	420
gttccgcaca	cgatcatttc	cttcaccttc	actggcttnc	tncatgtctc	aaagcaccca	480

gccggcagta	agtgaatcgc	ctatcggntt	cttccaggng	ggcctanttn	antttctggtg	540
gtcaactttc	cccgcgtact	tgggcggacc	ccctaagggg	aattcactgg	cggccgtctt	600
tgatccacc	cg					613

<210> 521
 <211> 606
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 521						
actgcagtaa	aagctttaac	aggtggaatt	gccacttat	tcaaacagaa	taagggttgtt	60
catgtcaatg	gatatggaaa	gataactggc	aaaaatcaag	tcactgctac	gaaagctgat	120
ggcggcactc	aggttattga	tacaaagaac	attccttatag	ccacgggttc	agaagttact	180
ccttttcctg	gaatcacgat	agatgaagat	acaatagtgt	catctacagg	tgctttatct	240
ttaaaaaaag	ttccagaaaa	gatgggttgtt	attgggtgcag	gagtaatagg	tgtagaattg	300
ggttcagttt	ggcaaagact	tggtgcagat	gtgacagcag	ttgaattttt	angtcagtga	360
ggtggagttg	gaattgatat	ggagatatct	aaaaactttc	aacgcatacct	tcaaaaacag	420
gggttttaaat	ttaaattgaa	tacaanggta	ctgggtgctcc	aagaagcana	tggaaaaaatt	480
gatgttctat	tgaanctctt	ttgnngggaaa	gctgaantnt	acttggatgn	cctnggccgn	540
acncnctagg	caatccncca	ctggngccnt	ntttggtccn	cctgggtccaa	ctgggnnann	600
nggctn						606

<210> 522
 <211> 617
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 522						
acttgcgctt	actttgtage	cttcatcagg	gtttgctgaa	gatggcggta	tataggctga	60
gcaagagggtg	gtgaggttga	tcgggggttta	tcgattacag	aacaggctcc	tctagagggga	120
tatgaagcac	cgccagggtcc	tttgagtttt	aagctgtggc	tcgtagtgtt	ctggcgagca	180
gttttggttga	tttaactggt	gaggttttagg	gctaagcata	gtgggggtatc	taatcccagt	240
ttgggtctta	gctatttgtgt	gttcagatat	gttaaagcca	ctttcgtagt	ctatttttgtg	300
tcaactggag	ttttttacaa	ctcangtgag	ttttagcttt	attggggagg	gggtgatcta	360
aaacactctt	tacgccggct	tctattgact	tgggttaatc	gtgtgaccog	cgggtggctgg	420
cacgaaattg	accaaccctg	gggttagtat	aacttaatta	aactttcntt	attgctnaag	480
gtaatcctgg	tggttnccct	ggggngngtng	ntaggtctaaa	cgtttgaacc	tcattctgog	540
gcctganctt	ggccctttta	tcggggggatt	aaaaggggac	tncttgaacn	ggngngcttct	600
tggnaaatta	taaaaca					617

<210> 523
 <211> 608
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 523

cgaggtactt	tttttttttt	tttttttttt	ttttggaana	agtaagcctt	tatttccttg	60
ttttgcaa	aaaactggct	aagttggttg	cttttttggtg	attaagtcaa	aganaccaa	120
tcccatatcc	togtccgact	cctccgactc	ttccttggtc	tcaaccttan	ctggggctgc	180
agcagcagca	ggagcagctg	tgggtggtagc	aaccacaggg	gcagcancca	caaaggcaga	240
tggatcaacc	aanaaggcct	tgaccttttc	aacaagtggg	aaggngtaat	ccgtctccca	300
aacaaagtca	ggactcgttt	gtctcttcaa	aaaaaaaaag	cganggctcg	catttggtcc	360
cctttggaca	ttttgcaact	cttcaatggg	gttn cattgg	tnggtgatgg	tataaacctt	420
tgangnacct	gcccggccgg	ccgtcaaang	gcaaattcac	ccactggcgg	ccgttctatg	480
gatccnacc	ggncccaact	tgggtaatat	ggcanactgt	tcctggggga	aatgtntccc	540
tnaaattccc	acaaanacaa	nccgaaccta	aangtaancn	gggggccaa	agggcnaccn	600
ccttattg						608

<210> 524

<211> 398

<212> DNA

<213> Homo sapiens

<400> 524

ggtacaggat	cctctaaaga	gaccgcctgg	ctgggtgctc	aaaccacatg	ggccgaccca	60
aaagacgtca	aaaccaagag	ctgctcagga	ggcactaaat	gttgacggtc	ttggccggct	120
tcacatcctc	aatttcagca	gacagccagc	ggtaagtgcg	atgacgccgc	agcacctcaa	180
tggccttgag	ttccagtggg	gttgccgtgaa	taccaaggtc	ttctaagcca	ggcagggtgag	240
gcaatttcat	gtctgtgatg	tgcacccgct	ccactttatc	ccttgttatc	cagggctcaa	300
atgggcttat	ttcaaagact	cttgctaccc	atcgataggc	aaaaagcggc	aaggggaatg	360
ggaggaacaa	tctgtgagcc	acaacaaaga	tgtacctg			398

<210> 525

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 525

actgttcctg	ttggccccgag	tggagactgg	tgttctcaaa	cccggtatgg	tggtcacctt	60
tgctccagtc	aacgtttacaa	cggaaagtaaa	atctgtcgaa	atgcaccatg	aagctttgag	120
tgaagctctt	cctgggggaca	atgtgggctt	caatgtcaag	aatgtgtctg	tcaaggatgt	180
tcgtcgtggc	aaccgttgct	ggtgacagca	aaaatgacct	accaatggaa	gcagctggct	240
tactgctca	ggtgattatc	ctgaaccatc	caggccaaat	aagcgccggc	tatgcccttg	300
tattggattg	ccacacggct	cacattgcat	gcaagtttgc	tgagctgaag	gaaaagattg	360
atcgccgttc	tggtaaaaag	ctggaaaatg	gccctaaatt	cttgaaatct	ggtgatgctg	420
ccattggtga	tatgggtcct	ggcaagccca	tgtgtgtttg	agagcttctc	aaactattca	480

ccttgggtcc	tttgcgtgctg	tgatatgaaa	aaacagtgcg	ggggtgtatc	aaacatggac	540
aaaagnttnt	tgacttgcag	gtaccaatnt	nccaaaacta	aaaggtnaan	aaatttncca	600
aaccgcg						607

<210> 526
 <211> 624
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1) ... (624)
 <223> n = A,T,C or G

<400> 526						
cgaggtacgc	gggggaagct	ctgtttggtg	ctttggatcc	atttccatcg	gtccttacag	60
ccgctcgtca	gactccagca	gccaagatgg	tgaagcagat	cgagagcaag	actgcttttc	120
aggaagcctt	ggacgctgca	ggtgataaac	ttgtagtagt	tgacttctca	gccacgtggt	180
gtgggccttg	caaaatgatc	aagcctttct	ttcattccct	ctctgaaaag	tattccaacg	240
tgatattcct	tgaagtagat	gtggatgact	gtcaggatgt	tgcttcagag	tgtgaagtca	300
aatgcatgcc	aacattccag	ttttttaaga	agggacaaaa	ggtgggtgaa	ttttctggag	360
ccaataagga	aaagcttgaa	gccaccatta	atgaattagt	ctaatacatgt	tttctgaaaa	420
tataaccagc	ccattggcta	tttaaaactt	gtaatttttt	taattttacca	aaatntaaaa	480
tntgaagacn	taaccacagt	gncatctgcg	tgacaatnaa	acattaatgc	tacactttta	540
aaaaaaaaaa	aaaaaaaaaa	gtcctgceng	cggccctcaa	aggggaattc	cacacctggg	600
ggccgtcttt	nggncccacc	cgnn				624

<210> 527
 <211> 611
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1) ... (611)
 <223> n = A,T,C or G

<400> 527						
acagagtgc	actgaacaga	tcacaaagca	cgagaaacat	tagttctctc	cctccccagc	60
gtctccttcg	tctccctggg	tttccgatgt	ccacagagtg	agattgtccc	taagtaactg	120
catgatcaga	gtgctgtctt	tataagactc	ttcattcagc	gtatccaatt	cagcaattgc	180
ttcatcaa	gcccgtttttg	ccaggctaca	ggccttttca	ggagagttaa	gaatctcata	240
gtaaaagact	gagaaattta	gtgccagacc	aagacgaatt	gggtgtgtag	gctgcatttc	300
tttcttacta	atttcaaagt	cttcctggta	agcctgctgg	gagttcgaca	cagtggtttg	360
tttggtgctc	cagatgccac	ttcagaaaga	tcctaaaata	atctcctttc	attttcaagt	420
agaacacctt	actttctggg	tgtgtagcat	tgggaataaa	atatttgtcc	acagcttcag	480
aacatcattg	cagatgtcct	gcagtctggc	tntatctttt	acggnacctc	ggccgggaca	540
ccctanggcg	aattccacac	ctggcggccg	tctantggac	ngctnggcca	cttgggnana	600
tggtactgt	t					611

<210> 528
 <211> 615
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 528

ggtacttttt	tttttttttt	ttttttttga	gacggagtct	tgttcagctg	cccaggctgg	60
agtgcagtgg	ctcgatcttc	gtcactgca	accaccgtct	cctgggttca	agcgattctc	120
ctgtctcagc	ctcccaagta	gctgggatta	caggccacca	ccatcatgcc	cggctaattt	180
ttgtatatgg	gtagagacgg	agtttcacta	tgttgggcag	gctgggtctg	aactcctcac	240
ctcaggtgat	ccgcccgtct	tggcctccca	aagtgctagg	attacaggcg	taagccacca	300
tgcctggcca	gatgatgtat	ttaaatatca	taccaaactc	tgtgtattta	tataaagaaa	360
gactggtaaa	agacttcctn	attttaaaaa	aaacccaaa	ccaaaccaa	aaaaacttta	420
cccttaccat	tgntgcata	tgtgcagtat	aaaacacaca	cttattngga	catganaaaa	480
ccgnaagaaa	gncccgggta	aactggactt	tgccgccttt	aaaaataaaa	tcnaataagn	540
gccttgaggc	cctttttcaa	tgcaattttt	taaccgggac	ctgccnggng	gcggtaaggg	600
naatccancn	ctggn					615

<210> 529

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(352)

<223> n = A,T,C or G

<400> 529

cgagggtactt	tntttttttt	tttttttttt	tttttgggaa	aagtcattga	ggccatgggg	60
ttggcttgaa	accagctttg	gggggttcga	ttccttcctt	ttttgtctan	attttatgta	120
tacgggttct	tccaatgtgt	ggtaggggtg	ggggcatcca	tatagtcact	ccagggttat	180
ggagggttct	tctactatta	ggacttttctg	cttcgaagcg	aaggcttctc	aaatcatgaa	240
aattattaat	attactgtcg	ttagagaaat	gaatgagcct	acagatgata	ggatgtttca	300
tgtggtgtat	gcacgggggt	agtcagagta	acgtcggggc	attccccgcg	gt	352

<210> 530

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 530

ggtactgcat	agattaaaga	aataaactgc	agtaaagcca	ctcgtaagga	atgaacgcca	60
ttgccaatga	taatcctctg	cacataggtg	gaaatagcaa	agaagtatag	ttgcttcaga	120
acaggtata	acccaaatga	taaacaccag	aaataggaag	ccaaacatgt	aatacatctg	180
gtgtgaccaa	atactattca	gaatgaagaa	aagttgtata	aagatgcagc	caaagggcaa	240

aatccctccc	atgataatac	caggcaaggg	cttcgtgtag	aacgactggt	caggaatctg	300
acngtggaat	ctgattgggt	cgaactgggt	gttcaatggc	atcttcttaa	aaccaangta	360
tgcaccaata	aacgtcnnag	gcacagatat	gtanaccaa	gggccaatat	ggcaancagt	420
gtncccaaaa	gaaatactgt	tgganacct	ctncccagag	gtcagattnt	tattaagaat	480
cncctcgct	cttttttttg	tttttttttt	gtccactttt	nnggtaaann	acntttnttt	540
aaaaatgttt	aantctantt	cctaattccc	atnttctttt	gctncnnnnc	tgttgngngn	600
ctttaaggga	antcncnnt	ggnggcgtcn	atganccact	tgnaactggn	tantagcnac	660
gttcgggang	ttcccnctt	ctaatatccg	gnagtaannc	ggctttgnen	cctantggnn	720
cngcttttcg	aacntgcctn	anannntccg	gaggtgtatn	ttcttctnn		769

<210> 531
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 531						
cgaggtactt	tttttttttt	tttttttttt	tgtttttttt	tttttttctt	cagctaaaac	60
agcgggaagag	gtgatttatt	atatggttgt	tacactcggc	cacaaataaa	cacagaaata	120
gtccanaatg	tcacagggtc	aggacagagg	accaacatgg	gcattttgtt	tatgagcaag	180
gtgggtctna	naggtgatcg	gcgatcagag	ggcgatgaag	ttctagatcc	attgagacaa	240
gctctagaca	gtagcatgca	gtcccacaac	ttgtctccaa	agattcaggt	ttactcacgt	300
catccagcan	agaatggaaa	gtcaaatttc	ctgaattgct	atgtgtctgg	gtttcatcca	360
tccgacattg	aagttgactt	actgaanaat	ggagagagaa	ttgaaaaant	nggacattca	420
taactgnntt	tcancaagga	ctggtctttc	tatctcttgg	ncttnntttt	tcttntattt	480
ttttntaca	tngggcctta	ctttaaaaac	atacntttcc	nnnttacnnc	tggatgccaa	540
tngatttcna	nanatttcen	agnngaatec	tttngttatt	nttaaaaant	gggatctntn	600
gccancactt	ggctaantnt	taccnncctt	nggaatngtc	ntatgntcat	tnttggaat	660
tncccccctn	angnntttct	ttngngngta	aaaattntta	atnnttgaat	tntttttcna	720
anattnttca	aatactaana	ntnntnnggg	nttanannaa	tnntgtanat	gggnnng	777

<210> 532
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 532						
actttacaag	atagattgta	taagaagcca	aataatgaaa	gcctagaaaa	aactaattta	60
tacttatctg	aaggttacaa	attagacttt	taaattttct	ttgtagttgg	tgggtgtttga	120
gggttggtta	gaaatgaaag	cctggatttt	gtgccatggt	tgtaatatag	tttgttcctt	180
gatcaaataa	tcagagaaaa	gaaacttaaa	gatctttgtc	tgtgaagaag	aaaattatct	240
ccctagttca	atctgtagtg	aaataagact	acagaaggca	ttgttttttc	ctttttattt	300
tntgnattat	atatttttct	taaatatgtt	ttattgtctt	ctctaagcaa	aaagttctta	360
ataaacatag	tattttctct	tgcgtcctat	ttcattagtg	aagacatagt	tcacctaaaa	420

tggeatnctg	ctctgaatct	agctttttat	aaatggctat	gtttttgatg	atatgtcaca	480
ttcaaaatgg	cctaattaaa	tgtgttaaat	gnaatggcac	tcttataacc	ttaaaataac	540
canaattaac	cctccaaaaa	aanaaaaaaa	aaaaaggcct	tggccgacnc	ntangngant	600
caccnctgng	gcntcatgga	cncttgccca	cttgngaann	nggtngangnt	ccggganatt	660
tccccatncc	aattcanccg	acatagnnac	cnggccnaag	ngnnccantg	nngnnnnnct	720
tnnngaacng	gccctnaacn	cccggggngg	tngttcnccc	tcnc		764

<210> 533
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 533

cgaggtagctt	tttttttttt	ttttacagat	acaattggct	tttatttggt	attcatgagt	60
cagggcagtt	tccattctgc	aaaatatagt	gatagctcct	actgggcaat	acaacagtag	120
aacagtgggt	tttgtaaaat	gggaatccag	gaacagaaga	atataaataa	attgatttaa	180
ataaactgat	tgggttaattt	cagaataactt	catattactt	ttttctaaga	gttaaagcag	240
aaaggacttt	cttactgtgc	tgactcagac	agcctggact	ctcatgtttt	taggaaaatt	300
ttgtctgttc	tgggatctac	ctgcttcctc	atgttcagtg	tgagtatatg	gcatttagca	360
tgactgggtcc	attctggagt	caccaggctt	gcacctaaat	gagagttgac	taancatagg	420
cnttaacact	actgcagtac	catcatttng	acttcatcat	catanggtat	gatgnctct	480
aatnttncat	tatttgagtt	tggcattcag	ccacgagaga	atattgcctt	tgacaatgnt	540
gcatgcaact	ttaaagggttt	tagatncgcc	nccnggnact	attnngaaa	tgggggttcc	600
cccnanttgg	agtttnacct	ggcngaccnn	tgacnaccat	taaggantgt	tagantnccc	660
ttgaaccccc	tttacacctt	ttgnatttcc	cggcntaacc	ccgggcnnta	agggatccnt	720
tggcntnngg	cccngcnatn	gaagnacntt	ngannacgcc	tcncaccan	nng	773

<210> 534
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 534

acacagacaa	atttatgcga	ccagggcaga	ggctgtagat	gattcatatt	tccaattggg	60
agggaggact	cgcttggtct	tataatatcg	agccaaacgg	tgaatccggc	tctctattag	120
aatcagacgg	aatttagcat	ccttatcctt	tctgttcctc	tcaagatgct	ttcgaacagc	180
aactgctttc	ttaattaaat	ggtagagatc	ttcaggaaga	tcaggagcaa	gtcccttaga	240
cttaagaatt	cttaaaattt	tattgcctgt	cacaaaacgt	acaaattgac	caggctgttg	300
acggctgcct	ccacgtcggg	ggaataattc	tgacgaatct	gggagctcat	ggttggttgg	360
caagaaggag	ctaccacaaa	aacngtgctg	caggtccaga	agcaggagat	ggccgaaaaa	420
tgtcccgaag	ttcaaccgag	aggaaatcga	ggcggccgag	cttgaagaag	tcccgaattgt	480
tcgtcaacct	gtgaacagaa	caaccccggg	ccgcnantgc	ccggtnctgg	ccggacacct	540
anggggaatcn	accctgnggc	gtctangacc	acttggccaa	ctggganntg	gaaatntccg	600

ggaaagntcn	tcaatcccaa	ttaccgaacna	agaactgggc	naagggtcnc	atatgggcnc	660
gccttnnnga	nctnccctta	annccccgga	gggtgntggn	tctcntctan	nntnnngtgg	720
nggnaaanag						730

<210> 535
 <211> 809
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(809)
 <223> n = A,T,C or G

<400> 535

gcgtgggtcng	cggccgaggt	accaactgca	gagccaggaa	aactttgaag	ccttcatgaa	60
ggcaatcggg	ctgccggaag	agctcatcca	gaaggggaag	gatgtcaagg	gggtgtcgga	120
aatcgtgcag	aatgggaagc	acttcaagtt	caccatcacc	gctgggtcca	aagtgatcca	180
aaacgaattc	acgggtggggg	aggaatgtga	gctggagaca	atgacagggg	ataaagtcaa	240
gacagtgggt	canttggaag	gtgacaataa	actggtgaca	actttcaaaa	acatcaagtc	300
tgtgaccgaa	ctcaacggng	acataatcac	caataccatg	acattgggtg	acattgtctt	360
caagagaatc	agcangagaa	tttaaacaag	tctgcatttc	atattatttt	antgntgtaa	420
aattaatgta	attaaagtga	actttgttta	aaaaaagann	nntnntntaa	atanaaaaaa	480
gtncctgcct	ggcgccgggt	caaaggccaa	ttccagcnac	tngnggcent	actagtgatc	540
nactcgtcna	acttgcgtaa	nntggcatac	ttgtncctngg	taaatntatc	cctcncatcn	600
ccaaattcnn	ccgagcttaa	atntaaactg	gggcctatag	gnncactcct	tttggttgcn	660
ctgccnttnn	acgaacttcg	ncccttttat	antgcccccc	ganagggtng	tttggttttc	720
ntnptatatt	ctctctctcc	ttgnnggttt	ttanggtngg	tcatntgggn	tctntanttt	780
agcttnga	ntantngntn	tttntntnt				809

<210> 536
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 536

actttttttt	tttttttttt	tttttttttt	atgaggaaaa	cccggtaatg	atgtcgggggt	60
tgagggatag	gaggagaatg	gggggatagg	gtatgaacat	gaggggtgtt	tctcgtgtga	120
atgagggttt	tatgttggtt	atgtgggtgg	tgagtgaacc	ccattgtgtt	gtggtaaata	180
tgtagaggga	gtatagggct	gtgactagta	tggtgagtcc	tgtaagtagg	agagtgatat	240
ttgatcagga	gaacgtgggt	actagcacag	agagttctcc	cagtaggtta	atagtggggg	300
gtaaggcgag	gttagcgagg	cttgctagaa	gtcatcaaaa	agctattant	gggagtanag	360
tttgaagtcc	ttgagagagg	attatgatgc	nacttgtaat	gcnttcgant	ttgagtttgc	420
tagcngaata	nnatgaggat	gtantccngg	gccaatatna	aaatactccc	cgtnaacttn	480
aggggttnga	taaaatgctg	tctaccnng	actttgccgn	acaccttagg	caattcanca	540
ctggngccgt	ctnanggncc	cacttggncc	acnttggnng	acatggcnnc	ngtctntngga	600
aatgtttent	caattcccnc	ttcnaccgan	tantgnaach	ggggcanaag	cncccatatn	660
gtccctccct	tctngaactt	nnccnttaaa	tncccccgga	gggttnatgg	ctttctctnc	720

<210> 537

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 537

cgaggtacga	aagggacaag	agaaataagg	cctacttcac	aaagcgccctt	cccccgtaaa	60
tgatatcatc	tcaacttagt	attataccca	caccacacca	agaacagggt	ttgttaaaaa	120
aaaaaaaaaa	aaaaaaaaaa	aaaaaagtac	cttgactttg	ttcacagcat	gtaggggtgat	180
gagcactcac	aattgttgac	taaaatgctg	cttttaaaac	ataggaaagt	agaatgggtg	240
agtgcaaatc	catagcacia	gataaattga	gctagttaag	gcaaatcagg	taaaatagtc	300
atgattctat	gtaatgtaaa	ccagaaaaaa	taaatgttca	tgatttcaag	atgttatatt	360
aaagaaaaac	tttaaaaatt	attatatatt	tatagcaaaa	gttatcttaa	atatgaattc	420
tggtgtaatt	taatgctttt	gaatacagag	atntaaatga	agtattatct	gtaaaaatgt	480
atattagagt	tgtgatacag	agtatatatt	attcanccat	nttcatacta	ataatatgga	540
tttaaanata	tcctataaat	tcnaattcaa	nanaaannt	gntananaan	aanggnctgn	600
cggcggcgca	nggcaattca	acaatgnngc	gtctanggac	nactgggtcca	cttggggaana	660
ggcaacttnc	tgggaatgat	ccttcattcc	canntaccna	gctanttaac	nggggcaaag	720
ggcccnntta	tgggnntngc	ntntnnaant	tgcccttaaa	accccggnng	gtgntggntc	780
tttnnttttn	ngnt					794

<210> 538

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 538

ggtacgcggg	ggaaggcctt	cctttttcgt	ctgggctgcc	aacatgccat	ccagactgag	60
gaagaccg	aaacttaggg	gccacgtgag	ccacggccac	ggccgcatag	gcaagcaccg	120
gaagcacc	ggcgccgcg	gtaatgctgg	tggtctgcat	caccaccgga	tcaacttcga	180
caaataccac	ccaggctact	ttgggaaagt	tggtatgaag	cattaccact	taaagaggaa	240
ccagagcttc	tgcccaactg	tcaaccttga	caaattgtgg	actttggtca	gtgaacagac	300
acgggtgaat	gctgctaaaa	acaagactgg	ggctgtccca	tcattgatgt	ggtgcatcg	360
gctactacaa	agttctggga	aagggaaagc	tccaaagcaa	notgtcatcg	tgaaggccaa	420
atcttcacag	aagagctgag	gagaaaaata	agantgttgg	ggggcctgtg	tctgggtgctt	480
gaagccatt	ganggagttt	aattaatgct	actcttttga	aaaaaanann	aananaaaaa	540
gacctgcccg	gcggcngtaa	ggcaattcac	cnttgngccg	tctaaggacc	actggccaan	600
tgggaanang	gcnaanntcc	tgggaatngt	tentcaattc	cccaattaac	caanaangna	660
acnngggcca	nnnggcaccc	ttatggntcc	ctncccttng	gaactngcct	tttaatccnc	720
cngagggtn	tgctccttnt	ntttntgnnt	ggggtaatna	aaagtn		766

<210> 539
 <211> 789
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 539

accattggtg	gccaattgat	ttgatggtaa	gggagggatc	gttgacctcg	tctgttatgt	60
aaaggatgcg	tagggatggg	agggcgatga	ggactaggat	gatggcgggc	aggatagttc	120
agacggtttc	tatttcctga	gcgtctgaga	tgtagtatt	agtagtttt	gttgtgagtg	180
ttaggaaaag	gcatacagga	ctaggaagca	gataaggaaa	atgattatga	gggcgtgac	240
atgaaagggtg	ataagctctt	ctatgatagg	ggaagtagcg	tcttgtagac	ctacttgccg	300
tgcattgtgcc	cccgcgtact	tgactttctt	ttntatttnt	tttatntttt	ttgactactt	360
agaattttca	caatttcta	aagattgttc	caagtctctc	atgtgcaagc	tttaaaggat	420
gactcttgcc	atztatgtac	ctcggncgcg	accacgctaa	gggcaaattc	agcacacttg	480
cggncggttct	aagtggatcc	nagctcggtc	caaccttgcg	tatcatggca	tactggtccc	540
tngtgaaatg	tatcccttac	aatcncacac	atcnancccc	aanctaaann	taaancctggg	600
gccaataata	ctactncata	atgctcnctn	ctgccnttca	ncnggaacnt	gtgcncctnt	660
tatnatggca	acncggaagn	gtggttggcc	ttcctctcta	aaacntgnng	gntngttgga	720
aggganctct	aggnnncggt	ccaattgga	ncgaaattnt	agctntntac	naaanatntt	780
tttttcncg						789

<210> 540
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 540

actttttaagg	gcataataag	ggttaacatt	ctaggcagta	taaacacacc	ccataatgca	60
agtaataggt	aatctagaga	tgtggacttt	attgctatat	gggaattaca	tttaaatttg	120
agggcatttt	atataaagaa	aaatacagac	ctataaagtt	tggcatattc	attaagttat	180
cttttaatat	ttttttctag	aaaacagggtg	acatttgtat	ctacgataaa	aatttttata	240
cagaacctac	tgcctcaaac	tgaatcccat	caagaaaact	agtttctatt	gnattaagta	300
actcaaaata	aattatcact	tcgaaaactt	gctttccaca	ctaaggtaag	tcagactaga	360
tgaacactcc	agaattttta	ctacagactg	ttttaagtta	gaagtgatgg	caatttataa	420
attgagaata	tcctccctga	tgccctaact	ggccaaacca	aaatctaaga	aagcagtgc	480
ncctcttact	atnatgaact	tctgaatang	gtagggacct	cctgggentan	nnatgaaaan	540
ncctggccga	ccccctaggg	aatccncaact	gggggcctnn	anggaccnan	tggccaantt	600
gnnanngggn	aangnncttg	gnaatgtccn	caattcnena	atnccgnena	aagtaacngg	660
gcccnngggg	annnnnangn	ngnennccnn	nnngaannng	cccttnaann	nccccngggg	720
ggngggntct	nnnccnnncc	nnngggg				747

<210> 541
 <211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 541

cgaggtacca	tgaaatacat	atatttcata	aggttcagtt	acaaaatgga	ttgtttcaaa	60
tggcaatttc	ttacactaac	ctgattatga	aaaaaagaag	tctgtatcat	ctgcttccaa	120
gtctgttatg	tccaaatata	ttttaattat	gcatttattt	tgctactttt	ataaatatta	180
gagatttcac	cttaaattat	ttttgtaact	agttctagaa	catgttttcc	aattattatt	240
tttctaattg	agacatataa	ttgacctatg	tttatgcata	tatgttctct	acacagtga	300
acttttttta	aaaagaatag	taaagaaaat	gcggaagctc	tggtctcca	aggcaaagtc	360
aaaaaaaaaa	aaaaagcggg	ggggaatgcg	aggaaacattt	tattacacct	cctgatttca	420
ctccttgagt	ttattttctc	ccttggttat	tggttaatgc	tagaaactgn	attctaagag	480
agcatccttt	tcaggtgacn	tgataattgg	aagatttgat	ccttcgcgca	cctgnccggc	540
ggcgcgtnaa	nggcnattcc	anccactggc	ggcgggtctaa	nggatenact	tggncacact	600
ggctaactgg	caacnggtcc	ngggngaaat	gnatccttaa	atccnactc	nacccgacct	660
aangaactgg	ggcaagggnc	accctatggn	gctcngcctt	cnngaantnn	ccnncttaan	720
aaccnggggn	gntgggnntct	nnnnnannnn	cnnnntgngg	gnntaanaag	ann	773

<210> 542

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 542

cgaggtactt	tttttttttt	tttttttttt	tttttttttag	aattctgaat	tttattagag	60
aatatatcta	aaatacaata	tttattaagt	tatgatatat	tgnetgaatg	gaaatatact	120
ctgnatcgca	actctaatta	taacaatttt	tacagataat	acttcattta	tatctctgna	180
attcaaaagt	cattaaatta	caacagaatt	catattttaag	ataactttgc	tataaatata	240
taataatttt	taaagttttt	ctttaatata	acatcttgaa	atcatgaaca	tttatttttt	300
ctgggttaca	ttcatagaat	catgactatt	ttacctgatt	tgccettaact	agctcaattt	360
atcttggcta	tggatttgca	ctcaccattc	tactttccta	tgttttaaag	cacatttttag	420
tcacaattgn	gagtgtcat	caccctacat	gctgtgacaa	aggcaagggc	ctgcccgggc	480
ggccgtncaa	anggcgaatt	ccncaactgg	cggcgggtcca	agtggancca	ctcgaccaca	540
ctnggggaaca	tggcaactgg	tcccggggaa	atggaaccgt	acattcccca	natcagccga	600
ncttaggtaa	acngggggcn	aaggggggcta	cncataatgg	nggtccnccc	ttcatngaac	660
cgngccctnn	tatnatgcac	cccggagggt	nnttngcctc	ctcntnnnnn	ntcngntgtg	720
gagggagtcc	nggggggtnc	cangggggna	aaaantgccc	ngnccccgng		770

<210> 543

<211> 748

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 543

accgcgggat	gcccctcatt	tacataaata	ttatactagc	atttaccatc	tcactttctag	60
gaatactagt	atatacgctca	cacctcatat	cctccctact	atgcctagaa	ggaataatac	120
tatcgctggt	cattatagct	actctcataa	ccctcaacac	ccactccctc	ttagccaata	180
ttgtgcctat	tgccatacta	gtctttgccc	ctgcgaagca	gcggtgggcc	tagccctact	240
agtctcaatc	tccaacacat	atggcctaga	ctacgtacat	atgctaggcc	atatggtaac	300
tctatgttta	acatttttgag	gaactgccaa	actgttttcc	aaagtgacta	cactatttta	360
cattcccacc	ttgaagggtcc	aattttctga	cattctacca	acatgggtaa	tggtctgttt	420
ttatttagca	accttaatgg	gtgtgaagag	atactcaatg	ggaatttgat	tgattcccta	480
angctaata	tttggnttct	ttctggctga	ngccagagnt	atctntttgg	gaaaattatt	540
naancttgnc	atttaacnng	cngatttatn	tgatntanaa	tntntatttt	gganccngcc	600
tttaagnaag	nttaaaattn	ncaatnttgg	ggcttncttt	tggccatgan	naannttaat	660
nntannanna	attnnntncn	annnggcnn	tnaannannn	nnnanaaana	annnttnnna	720
anaannactt	tttnnnnnna	cntggcgg				748

<210> 544
 <211> 327
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(327)
 <223> n = A,T,C or G

<400> 544

actttttttt	tttttttttt	tttttttttt	tttttttttt	ttggctctag	agggggtaga	60
gggggtgcta	tagggtaaat	acgggcccta	tttcaaagat	ttttagggga	attaattctg	120
ggacgatggg	catgaaactg	tggtttgctc	cacagatttc	anagcattga	ccgtagtata	180
cccccggtcg	tgtagcgggtg	aaagtgggtt	ggtttaaacg	tccgggaatt	gcactctgtt	240
ttaagcctaa	tgtggggaca	gctcatgagt	gcaagacgtc	ttgtgatgta	attattatac	300
gaatgggggc	ttnaatcggtg	agtacct				327